



.percon.

**Manufacturing and Supply of Professional
Broadcast Equipment**

CABLES



percooh

For more than 40 years PERCON has been devoted to the design, manufacturing and marketing of professional cabling solutions for the Broadcast and multimedia fields.

Our team is composed of over 40 technical, sales and logistics specialists that guarantee the best customer service and technical support and offer an impressive range of top-quality products to meet any project's needs.

In accordance to our customer-oriented strategy that has led us to constantly increase our products portfolio, PERCON's renowned European audio, video, control, fiber and all type of multicore cables and assemblies are now accompanied by multiple related articles such as cable testers, connectors, tools, reels, etc.

This catalogue encompasses all the items that make PERCON a one-stop shop for the broadcast and system integrations people. We thank you for the trust you have placed on us and that has situated PERCON as a key supplier in the international broadcast industry.

German Permanyer

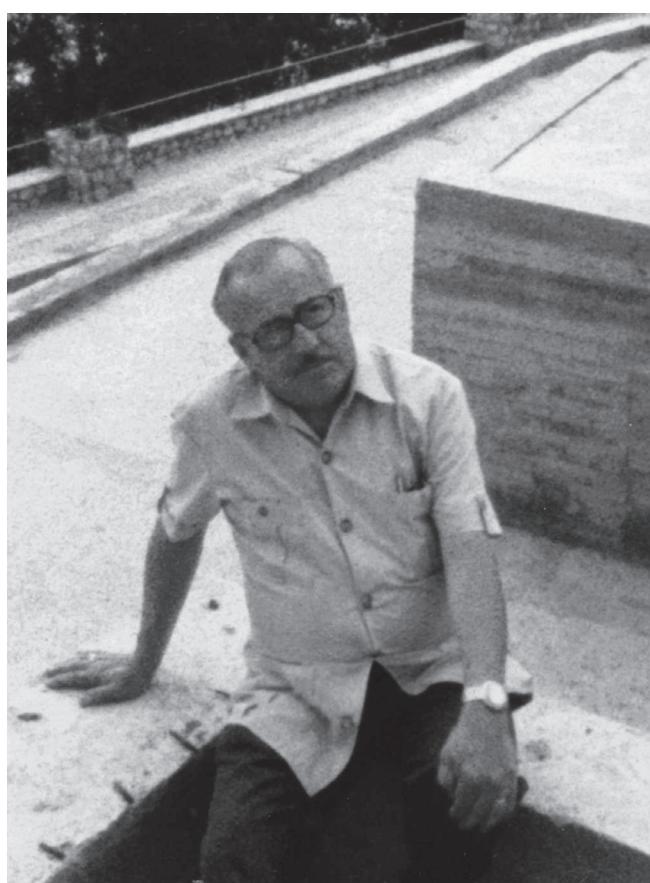
A handwritten signature in black ink, appearing to read "German Permanyer". The signature is fluid and cursive, with a prominent initial 'G' and 'P'.

Domènec Permanyer

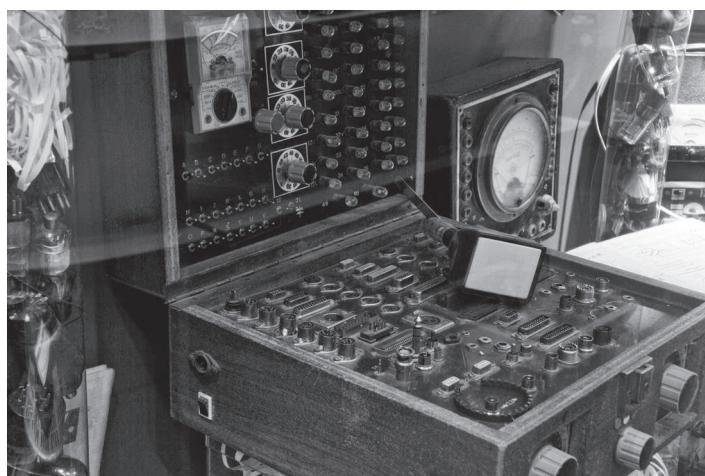
A handwritten signature in black ink, appearing to read "Domènec Permanyer". The signature is more stylized and compact than the first one.



Permanyer Brothers. Old haberdashery, 1969.



Quirze Permanyer



The beginning

PERCON's origins date back to Mr Quirze Permanyer, whose enterprising spirit and ambition led him to start repairing radios and record players in the 1940s.

Radios at the time were complicated and knowing how to repair them demanded being up to date with the "new technologies", something that is still essential nowadays in PERCON's policy.

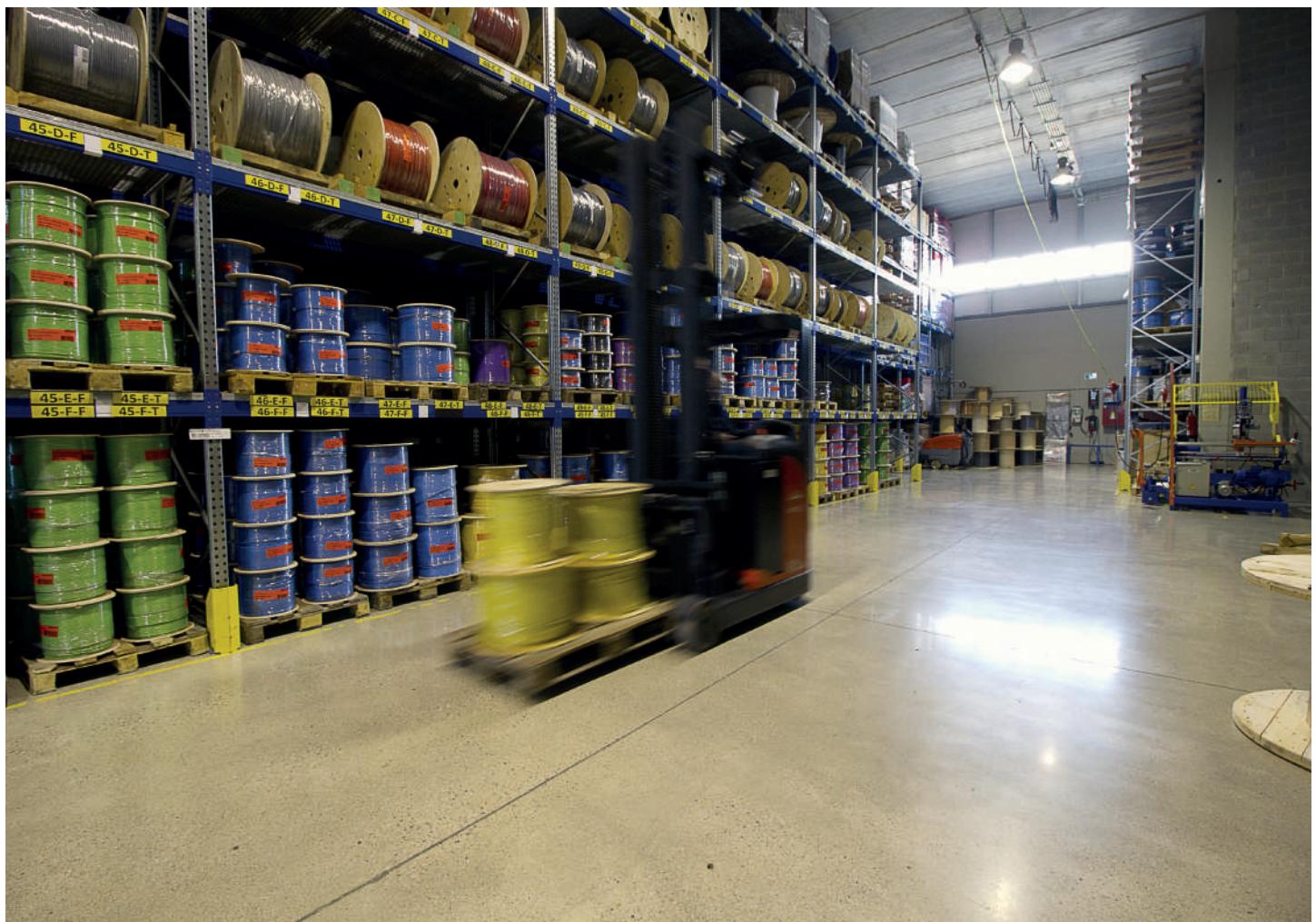
Over time, besides repairs, customers started ordering some customised cables for those devices and he realised that the cables were generating even more interest than the repairs themselves, so he started to focus his attention in supplying tailored assemblies.

A small haberdashery on Diputació Street in Barcelona became the workshop in which the whole Permanyer Griñó family worked together. Quirze's sons, Domenec and German, bought the cables and the connectors and offered the customers made-to-measure solutions, while his wife, Isabel, packaged and labeled the orders with the reference of the product and the customer's name.

Ever since, PERCON has focused in the specialized production of cables for the broadcast and multimedia field (Audio, Video y Control).

With more than 40 years of experience in the industry, PERCON has gradually increased its range of products, that now amount to around 2000 references (including audio, video, data, control, fiber optic, connectors, accessories...), constantly aiming to meet the customers' needs.

Today, PERCON is a company in constant expansion, thanks to a team of specialists with high technical and commercial knowledge and expertise that are able to offer the best technological, commercial, marketing and logistic solutions, always under the management of the Permanyer brothers, who keep up the entrepreneurial and family spirit that started one day with Quirze Permanyer.



OUR VALUES

“Always innovating and looking for new products and solutions”

PERCON's main goal is to offer the best service to our customers. For this reason, our philosophy is simple: constantly search for new products and solutions to meet the ever-changing needs of a constantly evolving industry.

“We offer technical assistance from the start to the end of a project”

Our Engineering Department offers both a presale service providing advice in the project design and after-sales assistance helping the installation technicians in charge of implementing the project.

**“Maximum quality of our products
(ISO9001:2015 certified)”**

PERCON products comply with the quality requirements established by ISO9001:2015.

“We are a global supplier”

Our range of products includes a wide variety of professional top-quality cables, connectors, assemblies, tools and accessories to cover the installation needs of any multimedia and broadcast project.

We also distribute selected products of highly regarded International brands.

BRANDS

"Our Distribution business includes some of the best international brands"

Our partners have trusted and keep trusting us to distribute their products through our sales network.

PERCON distributes the following brands (among others):



TAJIMI

tyco

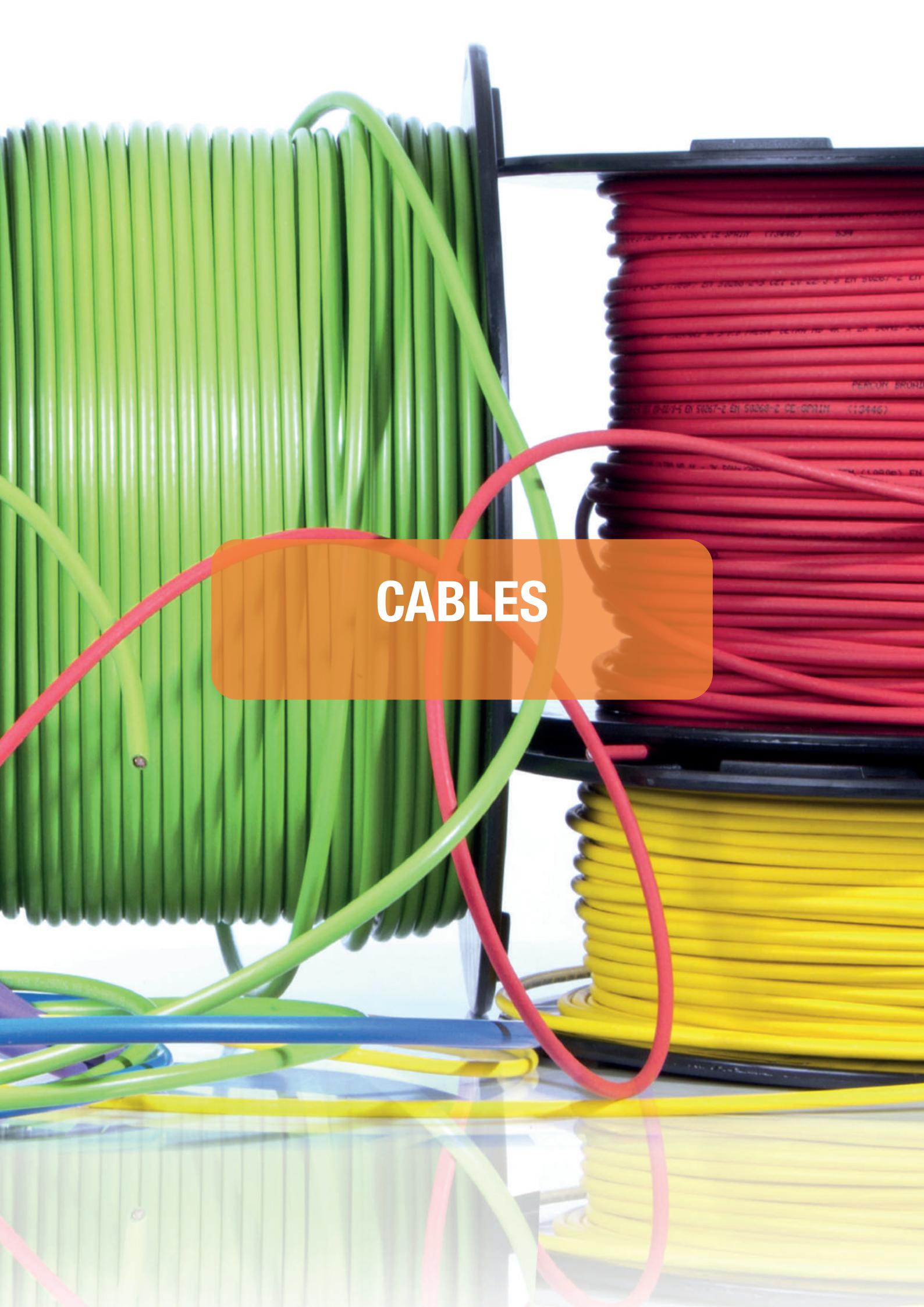
MARKET SOLUTIONS

Our Engineering Department can assist you with the design of your projects and recommend the products that best suit your needs. We offer a wide range of products to meet the needs of the broadcast, telecom, multimedia and installation industries.



Our products are present in major installations and projects worldwide.

TV STATIONS – RADIO STATIONS – FOOTBALL STADIUMS – MULTIPURPOSE PAVILLIONS- CITY HALLS –
PUBLIC ORGANISATIONS – AUDITORIUMS – FILM PRODUCERS – THEATRES



CABLES

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The diametre of the cables may change depending on the CPR regulation.

Analogue - Parallel / Unbalanced

APPLICATION

Parallel shielded audio cable for stereo and mono unbalanced audio signals.



TECHNICAL DATA	AK 08	AK 2	AK 2S	AK 3
N. of conductors	2	2	2	1
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	26	24	24	20
Stranding	18/38	25/38	25/38	28/34
Section (mm ²)	0,15	0,20	0,20	0,50
Insulation	PTC	PEX	PEX	PEX
Shield	Cu Spiral	Cu Spiral	Cu Spiral	PE SC + Cu Spiral
Nominal size	2,7 x 5,5	3,4 x 6,4	4,5 x 9,0	6,0
Weight Kg	23	34	58	48
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask



Analogue - Balanced - Installation

APPLICATION

Analogue shielded balanced audio cable with twisted pairs for fixed installations. Low capacitance cable. Innovative design that allows 2 easy steps: cut and solder (the Aluminium remains inside the jacket when stripping the cable and the drain wire is braided).



TECHNICAL DATA	AK 2201 AL	AK 220 AL	AK 134 AL	AK 150 AL
N. of conductors	2	2	2	2
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	22	20
Stranding	25/38	25/38	7/30	28/34
Section (mm ²)	0,20	0,20	0,34	0,50
Insulation	PEX	PTC	PE	FRLSZH
Shield	Al-Pet + Drain Wire			
Nominal size	2,8	3,7	3,5	5,9
Weight Kg	13,2	23	18,5	56
Colors	● ○ ■ ●	● ○ ■ ● ○ ●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLSZH
Use	Install	Install	Install	Install

* other options available please ask

Analogue - Balanced - Installation



TECHNICAL DATA	AK 201 AL	AK 1340 AL	AK 2401 AL
N. of conductors	2	2	2
Conductor	Cu OFC	CuSn	Cu OFC
Galga - AWG	24	22	25
Stranding	25/38	7/30	16/36
Section (mm ²)	0,20	0,34	0,18
Insulation	PPEX	PE	PE
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire
Nominal size	5,9	4,5	3,2
Weight Kg	45	26	13,4
Colors	● ● ●	●	● ●
Jacket	PTC	PTC	PTC
Use	Install / Mobile	Mobile	Mobile

* other options available please ask



Analogue - Balanced - Mobile



TECHNICAL DATA	AK 220	AK 222	AK 10 MIC	AK 2H	AK 2F
N. of conductors	2	2 X 2	2	2	2
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PPEX	PPEX
Shield	Cu + Cu	Cu + Cu	Cu + Drain Wire	Cu + Cu	Ptc Sc + Cu + Cu
Nominal size	4,0	4,8 x 9,0	3,5	6,5	6,2
Weight Kg	35	70	21	57	55
Colors	●	●	● ● ●	●	● ● ● ● ●
Jacket	PTC, FRLSZH	PTC, MAX, FRLSZH	PTC	PTC, FRLSZH	PTC, PUR, FRLSZH, MAX
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Balanced - Mobile



TECHNICAL DATA	AK 2K	AK 204	AK 205	AK 212	AK 218	AK 219
N. of conductors	2	2	2	2	2	2
Conductor	CuSn OFC	Cu OFC	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	20	24	24	23	24	26
Stranding	16/32	25/38	25/38	39/38	12/34	12/36
Section (mm ²)	0,50	0,20	0,22	0,30	0,22	0,136
Insulation	PTC/NBR	PE	PE	PE	PE	XL PE
Shield	Braided CuSn	Cu + Cu	Cu Spiral	Braided CuSn	Cu Spiral	Cu Spiral
Nominal size	6,6	5,95	6,35	6	6	6
Weight Kg	60	48	55	46	45	45
Colors	●	● ● ● ● ●	●	●	●	●
Jacket	PTC/NBR	PTC/NBR	PTC/NBR	PTC	PTC	PTC/NBR
Use	Mobile	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Multicore Double shield (CU+CU Spiral)



APPLICATION

Analogue shielded balanced multipair audio cable. Low capacitance. Double shield 100% polished copper spiral.



TECHNICAL DATA	AK 42	AK 62	AK 82	AK 102
N. of pairs	4	6	8	10
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	24
Stranding	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX
Shield	Cu + Cu	Cu + Cu	Cu + Cu	Cu + Cu
Nominal size	10,95	12,5	13,3	15,5
Weight Kg	129	184	225	287
Colors	●	●	●	●
Jacket	PTC	PTC	PTC	PTC
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Multicore Double shield (CU+CU Spiral)



TECHNICAL DATA	AK 122	AK 162	AK 242	AK 322
N. of pairs	12	16	24	32
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	24
Stranding	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX
Shield	Cu + Cu	Cu + Cu	Cu + Cu	Cu + Cu
Nominal size	16,2	18,7	23,4	25,7
Weight Kg	325	433	637	812
Colors	●	●	●	●
Jacket	PTC	PTC	PTC	PTC
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Multicore Single Shield (Spiral CU MIC)



APPLICATION

Analogue shielded balanced multipair audio cable. Polished copper spiral shield and tinned copper drain wire. Mobile microphonic applications. Excellent SNR. Very flexible.



TECHNICAL DATA	AK 22 MIC	AK 32 MIC	AK 42 MIC	AK 62 MIC	AK 82 MIC
N. of pairs	2	3	4	6	8
Conductor	Cu OFC				
Galga	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX	PEX
Shield	Cu + Drain Wire				
Nominal size	7,5	8,3	9,4	11,1	12,5
Weight Kg	68	90	120	133	160
Colors	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH				
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Multicore Single Shield (Spiral CU MIC)



TECHNICAL DATA	AK 102 MIC	AK 122 MIC	AK 162 MIC	AK 242 MIC	AK 322 MIC
N. of pairs	10	12	16	24	32
Conductor	Cu OFC				
Galga - AWG	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX	PEX
Shield	Cu + Drain Wire				
Nominal size	13,8	14,6	15,8	20,7	22
Weight Kg	225	261	321	452	605
Colors	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH				
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue - Multicore AL



APPLICATION

Analogue shielded balanced multipair audio cable. Low capacitance. Al/ Gr. Shield. Cable for fixed installation. Innovative design that allows 2 easy steps: cut and solder (the Aluminium remains inside the jacket when stripping the cable and the drain wire is braided).



TECHNICAL DATA	AK 22AL	AK 42AL	AK 62AL	AK 82AL	AK 102 AL
N. of pairs	2	4	6	8	10
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire			
Nominal size	8,1	9,5	11	13,3	14
Weight Kg	69	98	131	163	195
Colors	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH, PUR	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install	Install

* other options available please ask

Analogue - Multicore AL



TECHNICAL DATA	AK 122 AL	AK 162 AL	AK 242 AL	AK 322 AL	AK 422 AL
N. of pairs	12	16	24	32	42
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire
Nominal size	15	17,5	22	22,5	25,7
Weight Kg	230	380	410	545	730
Colors	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH, PUR	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install	Install

* other options available please ask

Digital - Balanced AES/EBU 110 ohms



APPLICATION

Digital shielded balanced audio cable with very low capacitance and 110 ohms characteristic impedance. Available with Aluminium shield (fixed installation) and copper shield (mobile installations).



TECHNICAL DATA	AK 2111 AL	AK 7001 AL	AK 2050	AK 2111 PATCH	AK 2034
N. of conductors	2	2	2	2	2
Conductor	CuSn OFC	CuSn OFC	Cu	CuSn OFC	CuSn OFC
Galga	24	26	20	26	22
Stranding	7/32	7/34	7/27	18/38	7/30
Section (mm ²)	0,22	0,13	0,56	0,14	0,34
Insulation	PEX	PEX	PE	PEX	PEX
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Braided Cu	CuSn + Drain Wire	Cu + Cu
Nominal size	4	3,4	7,3	4,6	6
Weight Kg	19	15	70	30	58
Colors	● ● ● ● ● ●	● ● ● ●	●	● ● ○ ● ● ● ●	● ●
Jacket	PTC, FRLS, FRLSZH	FRLS	PTC	PTC/NBR	PTC, FRLSZH
Use	Install	Install	Mobile	Mobile	Mobile

* other options available please ask

Also suitable for analog applications

Digital - Multicore AES/EBU 110 ohms CU+CU

APPLICATION

Digital shielded balanced multipair audio cable with very low capacitance and 110 ohms characteristic impedance. Mobile installation, Double shield 100% each pair in polished copper spiral



TECHNICAL DATA	AK 2112	AK 2114	AK 2118	AK 2110	AK 2112	AK 2116
N. of pairs	2	4	8	10	12	16
Conductor	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	24	24	24	24	24	24
Stranding	7/32	7/32	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,22	0,22	0,22
Insulation	PEX	PEX	PEX	PEX	PEX	PEX
Shield	Cu + Cu	Cu + Cu	Cu + Cu	Cu + Cu	Cu + Cu	Cu + Cu
Nominal size	10,5	12,8	16	17,1	18,0	19,4
Weight Kg	105	199	380	450	520	699
Colors	●	●	●	●	●	●
Jacket	PTC/NBR, FRLSZH	PTC/NBR, FRLSZH	PTC/NBR, FRLSZH	PTC/NBR	PTC/NBR, FRLSZH	PTC/NBR
Use	Mobile	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Also suitable for analog applications

Digital - Multicore AES/EBU AL AWG 24 110 ohms

APPLICATION

Digital shielded balanced multipair audio cable with very low capacitance and 110 ohms characteristic impedance. Fixed installation. General shield 100% Aluminum and individual shield each pair (cut and solder type).



TECHNICAL DATA	AK 2112 AL	AK 2114 AL	AK 2118 AL	AK 2110 AL
N. of pairs	2	4	8	10
Conductor	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	24	24	24	24
Stranding	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,22
Insulation	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire			
Nominal size	9,3	11	14,2	17
Weight Kg	81	136	225	251
Colors	●	●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install

* other options available please ask

Apto también para aplicaciones analógicas

Digital - Multicore AES/EBU AL AWG 24 110 ohms



TECHNICAL DATA	AK 21112 AL	AK 21116 AL	AK 21124 AL	AK 21132 AL
N. of pairs	12	16	24	32
Conductor	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	24	24	24	24
Stranding	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,22
Insulation	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire			
Nominal size	18	19,3	24	27,7
Weight Kg	358	405	550	677
Colors	●	●	●	●
Jacket	PTC, FRLSZH, FRLS	PTC, FRLSZH, FRLS	PTC, FRLSZH, FRLS	PTC, FRLS
Use	Install	Install	Install	Install

* other options available please ask

Also suitable for analog applications



Digital - Multicore AES/EBU AL AWG 26 110 ohms

APPLICATION

Digital shielded balanced multipair audio cable AWG 26 with very low capacitance and 110 ohms characteristic impedance. Fixed installation. General shield 100% Aluminium and each pair is individually shielded (cut and solder type).

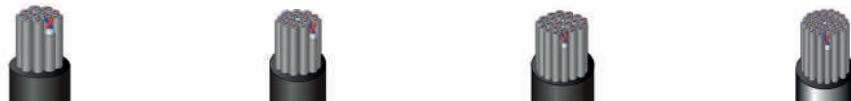


TECHNICAL DATA	AK 7002 AL	AK 7004 AL	AK 7006 AL	AK 7008 AL	AK 7010 AL
N. of pairs	2	4	6	8	10
Conductor	CuSn OFC				
Galga - AWG	26	26	26	26	26
Stranding	7/34	7/34	7/34	7/34	7/34
Section (mm ²)	0,12	0,12	0,12	0,12	0,12
Insulation	PEX	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire				
Nominal size	9	10,6	12,5	13,8	16
Weight Kg	94	132	160	193	225
Colors	●	●	●	●	●
Jacket	PTC/NBR	PTC/NBR	PTC/NBR	PTC/NBR	PTC/NBR, FRLSZH
Use	Install	Install	Install	Install	Install

* other options available please ask

Also suitable for analog applications

Digital - Multicore AES/EBU AL AWG 26 110 ohms



TECHNICAL DATA	AK 7012 AL	AK 7016 AL	AK 7024 AL	AK 7032 AL
N. of pairs	12	16	24	32
Conductor	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	26	26	26	26
Stranding	7/34	7/34	7/34	7/34
Section (mm ²)	0,12	0,12	0,12	0,12
Insulation	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire			
Nominal size	16,8	19	23,5	25,8
Weight Kg	269	360	506	636
Colors	●	● ●	●	●
Jacket	PTC/NBR	PTC/NBR, FRLSZH	PTC/NBR	PTC/NBR
Use	Install	Install	Install	Install

* other options available please ask

Also suitable for analog applications

Analogue Star-Quad



APPLICATION

Analogue shielded balanced audio STAR-QUAD cable. Excellent SNR thanks to its quad design. Available with Aluminium shield (fixed installation) and copper shield (mobile installations).



TECHNICAL DATA	AK 14015 AL	AK 14015	AK 4000	AK 4015
N. of Quads	1	1	1	1
Conductor	Cu OFC	Cu OFC	Cu OFC	Cu OFC
Galga - AWG	24	24	24	26
Stranding	25/38	25/38	25/38	80/43
Section (mm ²)	0,20	0,20	0,20	0,15
Insulation	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire	Cu Spiral	Cu + Cu Spiral	Cu Spiral
Nominal size	4,3	4,9	6,1	4,75
Weight Kg	21	32	61	35
Colors	●	●	●	●
Jacket	PTC/NBR, FRLS, FRLSZH	PTC/NBR, FRLSZH	PTC/NBR, FRLSZH	PTC/NBR, FRLSZH
Use	Install	Mobile	Mobile	Mobile

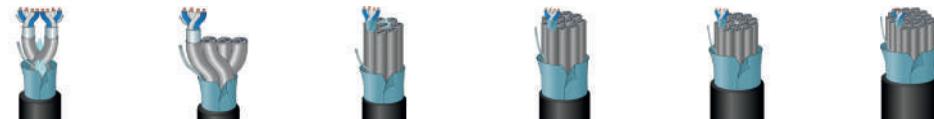
* other options available please ask



Analogue Star-Quad Multicore AL

APPLICATION

Analogue shielded balanced multicore STAR-QUAD cable. Excellent SNR thanks to its quad design. Fixed installation. General shield 100% Aluminium and each pair is individually shielded (cut and solder type).



TECHNICAL DATA	AK 24015 AL	AK 44015 AL	AK 84015 AL	AK 124015 AL	AK 164015 AL	AK 244015 AL
N. of Quads	2	4	8	12	16	24
Conductor	Cu OFC					
Galga - AWG	24	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20	0,20
Insulation	PEX	PEX	PEX	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire					
Nominal size	11	13	17,7	21	23,5	29,5
Weight Kg	81	153	376	506	467	690
Colors	●	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH					
Use	Install	Install	Install	Install	Install	Install

* other options available please ask



Analogue Star - Quad Multicore CU

APPLICATION

Analogue shielded balanced multicore STAR-QUAD cable. Excellent SNR thanks to its quad design. Mobile installation. Spiral copper shield each quad.



TECHNICAL DATA	AK 24015	AK 44015	AK 84015	AK 124015	AK 164015	AK 244015
N. of Quads	2	4	8	12	16	24
Conductor	Cu OFC					
Galga - AWG	28	28	28	28	28	28
Stranding	7/36	7/36	7/36	7/36	7/36	7/36
Section (mm ²)	0,08	0,08	0,08	0,08	0,08	0,08
Insulation	PPEX	PPEX	PPEX	PPEX	PPEX	PPEX
Shield	Cu Spiral					
Nominal size	8,6	10,2	13,2	16,3	18,4	23
Weight Kg	102	148	249	347	446	653
Colors	●	●	●	●	●	●
Jacket	PTC	PTC	PTC	PTC	PTC	PTC
Use	Mobile	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Analogue Star - Quad Multicore CU + CU

APPLICATION

Analogue shielded balanced multicore STAR-QUAD. Excellent SNR thanks to its quad design. Mobile installation. Double spiral copper shield each quad.



TECHNICAL DATA	AK 24000	AK 44000	AK 84000	AK 164000	AK 244000
N. of Quads	2	4	8	16	24
Conductor	Cu OFC				
Galga - AWG	24	24	24	24	24
Stranding	25/38	25/38	25/38	25/38	25/38
Section (mm ²)	0,20	0,20	0,20	0,20	0,20
Insulation	PPEX	PPEX	PPEX	PPEX	PPEX
Shield	Cu + Cu Spiral				
Nominal size	11,0	12,9	17,0	23,0	30,4
Weight Kg	210	270	524	675	1015
Colors	●	●	●	●	●
Jacket	PTC	PTC	PTC	PTC	PTC
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Parallel (Speaker cable)

APPLICATION

O.F.C. parallel loudspeaker cable. High flexibility.



TECHNICAL DATA	SK 207	SK 214	PF 567	PF 549	SK 2115
N. of conductors	2	2	2	2	2
Conductor	Cu OFC	Cu OFC	Cu	Cu	Cu OFC
Galga - AWG	20	16	16	12	16
Stranding	15/31	28/30	189/38	380/0,10	3/28/34
Section (mm ²)	0,7	1,5	1,5	3	1,5
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	-	-	-	-	-
Nominal size	2,0 x 4,30	2,5 x 5,0	3,40 x 6,40	4,80 x 9,0	3,4 x 7,8
Weight Kg	22	49	49	96	50
Colors	●	●	●	●	Transp.
Jacket	PTC	PTC	PTC	PTC	PTC
Use	Install	Install	Mobile	Mobile	Install

* other options available please ask



TECHNICAL DATA	SK 2125	SK 2140	SK 2160	SK 15	SK 25
N. of conductors	2	2	2	2	2
Conductor	Cu OFC	Cu OFC	Cu OFC	CCA	CCA
Galga - AWG	14	12	10	16	14
Stranding	7/20/34	7/18/32	7/28/32	46/32	49/30
Section (mm ²)	2,5	4	6	1,5	2,5
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	-	-	-	-	-
Nominal size	3,8 x 8,6	4,6 x 9,6	6,3 x 12,6	3,0 x 6,0	3,60 x 6,20
Weight Kg	70	100	162	20	30
Colors	Transp.	Transp.	Transp.	Transp.	Transp.
Jacket	PTC	PTC	PTC	PTC	PTC
Use	Install	Install	Install	Install	Install

* other options available please ask

Jacketed braided shielded AL

APPLICATION

Balanced coaxial cable for speakers. 100 Volt cable for professional use. It is a cable specially manufactured to be used in speaker installations with 100 Volt lines. SZ cover. Euroclass Fca according to EN50575



TECHNICAL DATA	SZ 215 AL	SZ 225 AL	SZ 240 AL	SZ 425 AL
N. of conductors	2	2	2	4
Conductor	Cu	Cu	Cu	Cu
Galga - AWG	16	14	12	14
Stranding	27/30	44/30	72/30	44/30
Section (mm ²)	1,5	2,5	4	2,5
Insulation	XLPE	XLPE	XLPE	XLPE
Shield	Al-Pet + Drain Wire			
Nominal size	5,15	6,15	7,4	8,5
Weight Kg	48	78	148	150
Colors	●	●	●	●
Jacket	FRLSZH	FRLSZH	FRLSZH	FRLSZH
Use	Install	Install	Install	Install

* other options available please ask

Jacketed twisted pair



APPLICATION

Analogue shielded balanced loudspeaker audio cable. Specially manufactured to be used in loudspeaker and 100 volt line installations.



TECHNICAL DATA	SZ 215	SZ 225	SZ 240
N. of conductors	2	2	2
Conductor	Cu	Cu	Cu
Galga - AWG	16	14	12
Stranding	27/30	44/30	72/30
Section (mm ²)	1,5	2,5	4
Insulation	XLPE	XLPE	XLPE
Shield	-	-	-
Nominal size	5,15	6,15	7,4
Weight Kg	45	75	145
Colors	●	●	●
Jacket	FRLSZH	FRLSZH	FRLSZH
Use	Install	Install	Install

* other options available please ask



Jacketed balanced unshielded

APPLICATION

Balanced unscreened analog audio cable for speakers. It is a cable specially manufactured to be used in speaker installations and 100 Volt lines.



TECHNICAL DATA	SP 205	SP 210	SP 215	SP 222	SP 225
N. of conductors	2	2	2	2	2
Conductor	Cu	Cu	Cu	Cu	Cu
Galga - AWG	20	18	16	14	14
Stranding	16/32	32/32	28/30	43/30	48/30
Section (mm ²)	0,5	1	1,5	2,2	2,5
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	-	-	-	-	-
Nominal size	5,8	7	8,8	9,4	9,6
Weight Kg	49	63	77	105	112
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH, FLEX
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask



TECHNICAL DATA	SP 240	SP 260	SP 405	SP 410	SP 415
N. of conductors	2	2	4	4	4
Conductor	Cu	Cu	Cu	Cu	Cu
Galga - AWG	12	10	20	18	16
Stranding	52/28	78/28	16/32	32/32	28/30
Section (mm ²)	4	6	0,5	1	1,5
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	-	-	-	-	-
Nominal size	11,2	12,8	6,6	7,5	10,03
Weight Kg	181	230	60	140	125
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH				
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Jacketed balanced unshielded



TECHNICAL DATA	SP 425	SP 440	SP 615	SP 825	SP 840
N. of conductors	4	4	6	8	8
Conductor	Cu	Cu	Cu	Cu	Cu
Galga - AWG	14	12	16	14	12
Stranding	48/30	52/28	28/30	48/30	56/28
Section (mm ²)	2,5	4	1,5	2,25	4
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	-	-	-	-	-
Nominal size	11	13	11,8	12,6	16
Weight Kg	179	267	135	330	460
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH, FLEX	PTC	PTC	PTC, FLEX
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Jacketed braided unshielded PREMIUM



APPLICATION

Balanced coaxial audio cable for speakers. 100 Volt cable for professional use. It is a cable specially manufactured for use in speaker installations with 100 volt lines. Extra flexible copper rope. Euroclass ECA according to EN50575.



TECHNICAL DATA	SP 215 PREMIUM	SP 225 PREMIUM	SP 240 PREMIUM	SP 415 PREMIUM
N. of conductors	2	2	2	4
Conductor	Cu	Cu	Cu	Cu
Galga - AWG	16	14	12	16
Stranding	84/34	140/34	4/32/32	84/34
Section (mm ²)	1,5	2,5	4	1,5
Insulation	PTC	PTC	PTC	PTC
Shield	-	-	-	-
Nominal size	7,5	8,2	11	8,6
Weight Kg	77	112	181	125
Colors	●	●	●	●
Jacket	PTC/NBR	PTC/NBR	PTC/NBR	PTC/NBR
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Jacketed braided unshielded PREMIUM



TECHNICAL DATA	SP 425 PREMIUM	SP 440 PREMIUM	SP 840 PREMIUM
N. of conductors	4	4	8
Conductor	Cu	Cu	Cu
Galga - AWG	14	12	12
Stranding	27/30	44/30	72/30
Section (mm ²)	2,5	4	4
Insulation	PTC	PTC	PTC
Shield	-	-	-
Nominal size	10,2	12,4	17,4
Weight Kg	179	267	460
Colors	●	●	●
Jacket	PTC/NBR	PTC/NBR	PTC/NBR
Use	Mobile	Mobile	Mobile

* other options available please ask

AL - Shielded multicore twisted (AS)



APPLICATION

Analogue shielded balanced loudspeaker audio cable. Specially manufactured to be used in loudspeaker and 100 volt line installations. Retard system. Mobile phone interference cancellation.



TECHNICAL DATA	AL 205	AL 207	AL 210	AL 215	AL 225
N. of conductors	2	2	2	2	2
Conductor	CuSn OFC				
Galga - AWG	20	19	18	16	14
Stranding	16/32	24/32	32/32	28/30	48/30
Section (mm ²)	0,5	0,75	1	1,5	2,5
Insulation	PTC/FRLSZH	PTC	PTC/FRLSZH	PTC/FRLSZH	PTC/FRLSZH
Shield	Al-Pet + Drain Wire				
Nominal size	6,62	6,5	6,29	7,9	8,1
Weight Kg	35	50	65	95	121
Colors	●	●	●	●	●
Jacket	MAX, FRLSZH, PTC	PTC, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLSZH	PTC, FRLSZH, WATERPROOF
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

AL - Shielded multicore twisted (AS)



TECHNICAL DATA	AL 240	AL 260	AL 280	AL 2012	AL 2016
N. of conductors	2	2	2	2	2
Conductor	Cu	Cu	Cu	Cu	Cu
Galga - AWG	12	10	8	6	5
Stranding	52/28	78/28	240/32	7/40/32	120/26
Section (mm ²)	4	6	8	12	16
Insulation	PTC/FRLSZH	PTC/FRLSZH	PTC/FRLSZH	PTC/FRLSZH	PTC/FRLSZH
Shield	Al-Pet + Drain Wire				
Nominal size	10,74	12,5	14,2	16,5	18,6
Weight Kg	185	236	285	345	583
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, WATERPROOF	PTC
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask



TECHNICAL DATA	AL 305	AL 310	AL 315	AL 325
N. of conductors	3	3	3	3
Conductor	CuSn OFC	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	20	18	16	14
Stranding	16/32	32/32	28/30	48/30
Section (mm ²)	0,5	1	1,5	2,5
Insulation	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH
Shield	Al-Pet + Drain Wire			
Nominal size	7	7,8	8,54	9,86
Weight Kg	65	79	102	147
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

AL - Shielded multicore twisted (AS)



TECHNICAL DATA	AL 405	AL 410	AL 415	AL 425	AL 440
N. of conductors	4	4	4	4	4
Conductor	CuSn OFC				
Galga - AWG	20	18	16	14	12
Stranding	16/32	32/32	28/30	48/30	52/28
Section (mm ²)	0,5	1	1,5	2,5	4
Insulation	PTC, FRLSZH				
Shield	Al-Pet +Drain Wire				
Nominal size	5,55	7,28	8,6	11,94	12
Weight Kg	60	150	125	175	298
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH				
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask



TECHNICAL DATA	AL 460	AL 480	AL 510	AL 605	AL 615
N. of conductors	4	4	5	6	6
Conductor	Cu	Cu	CuSn OFC	CuSn OFC	CuSn OFC
Galga - AWG	10	8	18	20	16
Stranding	82/28	240/32	32/32	16/32	28/30
Section (mm ²)	6	8	1	0,5	1,5
Insulation	PTC, FRLSZH				
Shield	Al-Pet +Drain Wire				
Nominal size	15	17,5	11,05	6,64	8,5
Weight Kg	340	495	120	92	135
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH	PTC	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

AL - Shielded multicore twisted (AS)



TECHNICAL DATA	AL 625	AL 640	AL 825	AL 840
N. of conductors	6	6	8	8
Conductor	CuSn OFC	CuSn OFC	Cu	Cu
Galga - AWG	14	12	14	12
Stranding	48/30	52/28	48/30	52/28
Section (mm ²)	2,5	4	2,5	4
Insulation	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH
Shield	Al-Pet + Drain Wire			
Nominal size	13,34	17,24	15	18,2
Weight Kg	280	285	330	535
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

AL - Shielded multicore twisted fire resistant



APPLICATION

Analogue shielded balanced loudspeaker audio cable. Retard system. Mobile phone interference cancellation. Fire resistant 180 minutes (AS+, RF90). Cable designed for installations that require specific fire safety. UNE-EN50200 compliant.



TECHNICAL DATA	AL 205 FIRE	AL 215 FIRE	AL 225 FIRE	AL 240 FIRE
N. of conductors	2	2	2	2
Conductor	Cu	Cu	Cu	Cu
Galga - AWG	20	16	14	12
Stranding	16/30	28/30	48/30	52/28
Section (mm ²)	0,5	1,5	2,5	4,0
Insulation	XLS	XLS	XLS	XLS
Shield	Al-Pet + Drain Wire			
Nominal size	5,6	8	9,4	11
Weight Kg	35	100	128	140
Colors	●	●	●	●
Jacket	FRLSZH	FRLSZH	FRLSZH	FRLSZH
Use	Install	Install	Install	Install

* other options available please ask

AL - Shielded multicore twisted fire resistant



NEW

TECHNICAL DATA	AL 315 FIRE	AL 325 FIRE	AL 425 FIRE
N. of conductors	3	2	4
Conductor	Cu	Cu	Cu
Galga - AWG	16	12	14
Stranding	28/30	52/28	48/30
Section (mm ²)	1,5	2,5	2,5
Insulation	XLS	XLS	XLS
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire
Nominal size	8,2	9,70	11
Weight Kg	107	140	220
Colors	●	●	●
Jacket	FRLSZH	FRLSZH	FRLSZH
Use	Install	Install	Install

* other options available please ask

Active audio

APPLICATION

Special cables composed by audio and power. Designed for self amplified loudspeakers installations.



TECHNICAL DATA	TVL 0110		TVL 0210	
Composition	AK 220 AL	Power cable	Power cable	AK 2111 AL
N. of conductors	1	1	3	2
Conductor	Cu OFC	CuSn	Cu	CuSn
Galga - AWG	24	2x16 + 1x20	14	24
Stranding	25/38	28/30 + 16/32	80/32	7/32
Section (mm ²)	0,2	2x1,5 + 1x0,5	2,5	0,22
Insulation	PTC	PTC	PEX	PTC
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire	-	Al-Pet + Cu
Nominal size	16		13,5	
Weight Kg	322		216	
Colors	●		●	
Jacket	FRLS, PTC		FRLS, PTC, FRLSZH	
Use	Mobile		Mobile	

* other options available please ask



Analogue - Coaxial 50 Ohms

APPLICATION

50 Ohm analogue coaxial cable. Typically used for equipment, rack and installation applications.



TECHNICAL DATA	RG 58 A/U	RG 213 A/U	RG 214 A/U	RG 8 A/U
N. of conductors	1	1	1	1
Conductor	CuSn	Cu	CuAg	Cu
Galga - AWG	20	12	12	12
Stranding	19/32	7/21	7/21	7/21
Section (mm ²)	0,6	2,7	2,7	2,7
Insulation	PE	PE	PE	PE
Shield	CuSn	Cu	CuAg + CuAg	Cu
Nominal size	4,9	10,2	10,7	10,3
Weight Kg	43	147	208	161
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC
Use	Install	Install	Install	Install

* other options available please ask

Radio frequency applications - Coaxial 50 Ohms



APPLICATION

50 Ohm coaxial cable for fixed installations. Very low losses. Perfect for trunk installations.



TECHNICAL DATA	RF-200	RF-240	RF-400	RF-400/FLEX	RF-600
N. of conductors	1	1	1	1	1
Conductor	CC Al	CC Al	CC Al	CC Al	CC Al
Galga - AWG	17	15	9,5	9,5	5
Stranding	Solid	Solid	Solid	Flex	Solid
Section (mm ²)	0,985	1,58	5,8	5,8	15,69
Insulation	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Shield	Al-Pet + CuSn	Al-Pet + CuSn	Al-Pet + CuSn	Al-Pet + CuSn	Al-Pet + Al
Nominal size	4,95	6,1	10,3	10,3	14,99
Weight Kg	30	50	100	100	200
Colors	●	●	●	●	●
Jacket	PE	PE	PE	TPE	PE
Use	Install	Install	Install	Mobile	Install

* other options available please ask

Analogue - Coaxial 75 Ohms

APPLICATION

75 Ohm analogue video cable. Typically used for video, equipment, rack and installation applications.



TECHNICAL DATA	VK 95 (RG59)	RG 11 1,0/6,6	RG 11AU	VK 63
N. of conductors	1	1	1	1
Conductor	CW	Cu	CuSn	Cu
Galga - AWG	23	18	18	22
Stranding	Solid	Solid	7/26	7/30
Section (mm ²)	0,28	0,78	0,88	0,34
Insulation	PE	PE	PE	PHDPE
Shield	Cu(98%)	Cu	Cu	Cu(98%)
Nominal size	6	8,8	10,3	6
Weight Kg	56	134	140	47
Colors	● ● ● ● ● ● ●	● ● ●	●	● ● ● ● ●
Jacket	PTC, FRLSZH	PTC	PTC	PTC
Use	Install	Install	Install	Mobile

* other options available please ask

CATV Digital - Coaxial 75 Ohms



APPLICATION

75 ohm coaxial cable used for private and public TV network signals and also as aerial cable for TDT and satellite systems. Also suitable for analogue video signals baseband transmissions such as CCTV.



TECHNICAL DATA	RG 6 CATV Trishield	RG 11 CATV Trishield	RG 6 CATV Trishield
N. of conductors	1	1	1
Conductor	CW	CW	CW
Galga - AWG	18	14	18
Stranding	Solid	Solid	Solid
Section (mm ²)	0,785	2,01	0,785
Insulation	S+FHDPE+S	S+FHDPE+S	FHDPE
Shield	Al-Pet-Al + Braided Al + Al-Pet	Al-Pet-Al + Braided Al + Al-Pet	Al-Foil + Braided Al
Nominal size	7	10,2	6,9
Weight Kg	45	80	41
Colors	●	● ○	● ○
Jacket	PTC	PTC	PTC
Use	Install	Install	Install

* other options available please ask

Silver+ High Precision Digital - Coaxial 75 Ohms 4K/UHD

APPLICATION

75 ohm coaxial video cable Silver+ for digital applications. Supports SDI transmission for 4K, 8K, UHD format and ASI signals.



TECHNICAL DATA	VK 50 Silver +	VK 60 Silver +	VK 70 Silver +	VK 75 Silver +	VK 80 Silver +	VK 90 Silver +
N. of conductors	1	1	1	1	1	1
Conductor	EHC CuAg	EHC CuAg	EHC CuAg	EHC CuAg	EHC CuAg	EHC CuAg
Galga - AWG	23	20	18	16	15	14
Stranding	Solid	Solid	Solid	Solid	Solid	Solid
Section (mm ²)	0,28	0,50	0,785	1,31	1,77	2,01
Insulation	FHDPE +	FHDPE +	FHDPE +	FHDPE +	FHDPE +	FHDPE +
Shield	Cu-Pet + Cu	Cu-Pet + Cu	Cu-Pet + Cu	AL-Pet-Al + CuSn + AL-Pet	Cu-Pet + Cu	Cu-Pet + Cu
Nominal size	4,5	5,9	7,1	8,13	9,2	10,5
Weight Kg	23,7	45	69	90	120	150
Colors	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●	● ● ● ●
Jacket	CMR, FRLSZH/EMC	CMR, FRLSZH/EMC	CMR, FRLSZH/EMC	CMR, FRLSZH/EMC	CMR, FRLSZH/EMC	CMR, FRLSZH/EMC
Use	Install	Install	Install	Install	Install	Install

* other options available please ask

Digital Precision - Coaxial 75 Ohms

APPLICATION

75 ohm coaxial video cable for digital applications. Supports serial data transmission (SDI) and high definition (HDTV) and 3G-SDI TV formats.



TECHNICAL DATA	VK 2 0,4/1,95	VK 5 0,6/2,8	VK 6 0,8/3,7	VK 7 1,0 /4,7
N. of conductors	1	1	1	1
Conductor	CuSn	Cu	Cu	Cu
Galga - AWG	26	23	20	18
Stranding	Solid	Solid	Solid	Solid
Section (mm ²)	0,125	0,28	0,50	0,785
Insulation	FHDPE	FHDPE	FHDPE	FHDPE
Shield	Al-Pet + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn
Nominal size	3	4,5	6	7
Weight Kg	13,6	23,7	43	56,6
Colors	● ● ● ● ●	● ● ○ ● ●	● ● ○ ○ ●	● ● ○ ○ ○
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install

* other options available please ask



Flexible Digital Precision

APPLICATION

75 ohm coaxial video cable for digital mobile applications. Supports serial data transmission (SDI) and high definition (HDTV) and 3G-SDI TV formats. (4K UHD).



TECHNICAL DATA	VK 66 / VK 660F	VK 680 Silver+	VK 770F ENH+	VK 780 Silver+	VK 880 Silver+
N. of conductors	1	1	1	1	1
Conductor	Cu	EHC CuAg	EHC Cu	EHC CuAg	EHC CuAg
Galga - AWG	20	20	17	17	15
Stranding	7/29	Solid	7/26	Solid	Solid
Section (mm ²)	0,43	0,50	0,88	1,13	1,77
Insulation	FHDPE	FHDPE+	FHDPE+	FHDPE+	FHDPE+
Shield	CuSn + CuSn	CuSn + CuSn	CuSn + CuSn	CuSn + CuSn	CuSn + CuSn
Nominal size	6,14	6,14	7,5	7,40	9,2
Weight Kg	70	85	80	100	140
Colors	●	●	●	●	●
Jacket	PTC / NBR	FLEX CMR	PTC / NBR	FLEX CMR	FLEX CMR
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask

Digital Multicore



APPLICATION

Analogue/digital video cable for typical video projection, computer, etc applications. High quality. RGBHV + components RGB/Y, R-Y, B-Y/Y, Pb, Pr/Y, Cb, Cr. Superflexible.



TECHNICAL DATA	VK 3065	VK 4065	VK 5065	VK 6065	VK 8065	VK 10065
Nº de coaxiales	0,6/2,8 x 3	0,6/2,8 x 4	0,6/2,8 x 5	0,6/2,8 x 6	0,6/2,8 x 8	0,6/2,8 x 10
Conductor	Cu	Cu	Cu	Cu	Cu	Cu
Galga - AWG	23	23	23	23	23	23
Stranding	Solid	Solid	Solid	Solid	Solid	Solid
Section (mm ²)	0,28	0,28	0,28	0,28	0,28	0,28
Insulation	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Shield	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn
Nominal size	11,5	13,3	14,1	17,9	16,9	20,9
Weight Kg	172	222	247	357	386	460
Colors	●	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, PTC waterblocking FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install	Install	Install

* other options available please ask

Digital Multicore



TECHNICAL DATA	VK 2378	VK 5378	VK 8376	VK 2471	VK 5471	VK 10471
Nº de coaxiales	0,8/3,7 x 2	0,8/3,7 x 5	0,8/3,7 x 8	1,0/4,7 x 2	1,0/4,7 x 5	1,0/4,7 x 10
Conductor	Cu	Cu	Cu	Cu	Cu	Cu
Galga - AWG	20	20	20	18	18	18
Stranding	Solid	Solid	Solid	Solid	Solid	Solid
Section (mm ²)	0,5	0,5	0,5	0,785	0,785	0,785
Insulation	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Shield	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn	Al-Pet-Al + CuSn
Nominal size	15	18,6	24	16,2	22,1	35,5
Weight Kg	185	375	578	296	508	1157
Colors	●	●	●	●	●	●
Jacket	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PUR, PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH	PTC, FRLS, FRLSZH
Use	Install	Install	Install	Install	Install	Install

* other options available please ask



Digital Multicore Minicoaxial

APPLICATION

Cable mainly used for professional Y/C - RGHBV applications and for miniature audio, video and control applications.



TECHNICAL DATA	VK 200 Coax Video	VK 420 Coax Video		Signal Cable	VK 500 Coax Video	VK 520 Coax Video		Signal Cable	VK 540 Coax Video	Signal Cable
Composition		Coax	Video		Coax	Video		Coax	Video	
N. of conductors	2	4	5		5	5	5	5	5	5
Conductor	CuSn	CuSn	CuSn		CuSn	CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG	28	28	26		28	28	26	26	26	26
Stranding	7/36	7/36	7/34		7/36	7/36	7/34	Solid	7/34	
Section (mm ²)	0,08	0,08	0,0123		0,08	0,08	0,123	0,125	0,123	
Insulation	PEX	PEX	PEX		PEX	PEX	PEX	PEX	PEX	PTC
Shield	Cusn	Cusn	Cusn		Cusn	Cusn	-	Cusn	Cusn	-
Nominal size	6,8	8			9	9,5			10	
Weight Kg	50	83			93	107			135	
Colors	● ●	●			● ●	●			●	
Jacket	PTC, NBR	PTC, FRLSZH			PTC	PTC, FRLS, FRLSZH	FRLS, FRLSZH		Mobile	
Use	Mobile	Mobile			Mobile	Mobile			Mobile	

* other options available please ask

Apto también para aplicaciones analógicas

Parallel

APPLICATION

Parallel video and audio cable. Flexible. High quality.



TECHNICAL DATA		VK 11		VK 12	
Composition		Coax Video	Coax Audio	Coax Video	Coax Audio
N. of conductors		1	1	1	2
Conductor	CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG	28	28	28	28	28
Stranding	7/36	7/36	7/36	7/36	7/36
Section (mm ²)	0,08	0,08	0,08	0,08	0,08
Insulation	PEX	PE	PE	PEX	PE
Shield	CuSn	CuSn	CuSn	CuSn	CuSn
Nominal size	6,5 x 3,5		9,5 x 3,5		
Weight Kg	31		43		
Colors					
Jacket	PTC, FRLSZH		PTC, FRLSZH		
Use	Mobile		Mobile		

* other options available please ask

Multicore Audio, Video & Signal

APPLICATION

Cable composed of video, audio, control for several applications. 75 ohm video cable (VK1). Superflexible.



TECHNICAL DATA		VK 111		VK 112		VK 221		
Composition		Coax Video	Coax Audio	Signal Cable		Coax Video	Coax Audio	Signal Cable
N. of conductors		1	1	1		1	2	1
Conductor	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG	28	28	26	28	22	28	28	26
Stranding	7/36	7/36	7/34	7/36	7/30	7/36	7/36	7/34
Section (mm ²)	0,08	0,08	0,15	0,08	0,34	0,08	0,08	0,123
Insulation	PEX	PE	PTC	PEX	PTC	PEX	PE	PTC
Shield	CuSn	CuSn	-	CuSn	-	CuSn	CuSn	-
Nominal size	5,2		5,5		8			
Weight Kg	34		39		89			
Colors								
Jacket	PTC, FRLSZH		PTC		PTC, FRLSZH			
Use	Mobile		Mobile		Mobile			

* other options available please ask

Multicore Audio, Video & Signal



TECHNICAL DATA			VK 240			VK 341			VK 241		
Composition	Coax Video	Coax Audio	Signal Cable	Coax Video	Star-Quad Audio	Signal Cable	Coax Video	Star-Quad Audio	Signal Cable		
N. of conductors	2	4	1	3	1	1	3	1	9		
Conductor	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn		
Galga- AWG	28	28	26	28	24	26	28	24	26		
Stranding	7/36	7/36	7/34	7/36	7/32	7/34	7/36	7/32	7/34		
Section (mm ²)	0,08	0,08	0,123	0,08	0,22	0,123	0,08	0,22	0,123		
Insulation	PEX	PE	PTC	PEX	PTC	PTC	PEX	PE	PTC		
Shield	CuSn	CuSn	-	CuSn	Al-Pet	-	CuSn	Al-Pet	-		
Nominal size	9			10,5			9,95				
Weight Kg	121			140			137				
Colors	●			●			●				
Jacket	PTC, FRLSZH			PTC, FRLSZH			PTC, FRLSZH				
Use	Mobile			Mobile			Mobile				

* other options available please ask

Analog / Digital Multicore (TVL Series)

APPLICATION

TVL analogue multicore cables composed by different video, audio and control cables. Perfect for mobile applications.



TECHNICAL DATA	TVL 75220			TVL 0234			TVL 0004	TVL 0002	TVL 0032	
	Coax Video	Balanced Audio	Power Cables	Balanced Audio AK 2111 AL	Power Cables	U/FTP Cat 6	U/FTP Cat 6	F/ FTP CAT 6 Flex	FTP CAT 6 Flex	Power Cables
N. of conductors	1	1	3	2	3	4	4	2	4 x 2	2
Conductor	CW	Cu OFC	Cu	CuSn OFC	Cu	Cu	Cu	Cu OFC	Cu OFC	Cu
Galga - AWG	23	24	15	24	14	23	23	27	27	16
Stranding	Solid	25/38	28/30	7/32	48/30	Solid	Solid	7/35	7 / 35	28 / 30
Section (mm ²)	0,28	0,2	1,374	0,22	2,5	0,34	0,34	-	0,11	1,5
Insulation	PE	PE	PTC	PEX	PTC	PEX	PEX	PEX	PEX	PTC
Shield	Cu	Cu + Cu (Spiral)	-	Al-Pet + Drain wire	-	1 Foil 2 Pairs	1 Foil 2 Pairs	Al-Pet	Al-Pet foil for 2 pairs + general Al-Pet	-
Nominal size	13,5			24			19	14	18	
Weight Kg	222			650			376	251	300	
Colors	●			●			●	●	●	
Jacket	PTC			PTC			PTC	PTC	PTC	
Use	Mobile			Mobile			Mobile	Mobile	Mobile	

* other options available please ask

Multicore Digital (TVL Series) - Digital Multicore (TVL Series) 116 mts HD-SDI (1080i) & 90 mts progressive HD-SDI (1080p)

APPLICATION

TVL digital multicore cables composed by different video, audio and control cables. Perfect for mobile applications.



TECHNICAL DATA	TVL 1002/CK/5		TVL 75400		TVL 1002/5		TVL 1110/5		
	Coax Video (VK5)	CK 0004	Coax Video	Balanced Audio	Coax Video (VK5)	UTP cat 5e patch	Coax Video (VK5)	Star-Quad Audio	Power Cables
N. of conductors	1	2	2	4	1	2	1	1	3
Conductor	Cu	Cu	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu
Galga - AWG	23	24	20	24	23	24	23	24	15
Stranding	Solid	7/32	Solid	25/38	Solid	7/32	Solid	25/38	28/30
Section (mm ²)	0,28	0,22	0,5	0,2	0,28	0,22	0,28	0,2	1,5
Insulation	FHDPE	PTC	FHDPE	PE	FHDPE	PTC	FHDPE	PEX	PTC
Shield	Al-Pet-Al + CuSn	CuSn + Drain Wire	Al-Pet-Al + CuSn	Cu (Spiral)	Al-Pet-Al + CuSn	CuSn + Drain Wire	Al-Pet-Al + CuSn	Al-Pet	-
Nominal size	14,4		15,8		14		15,4		
Weight Kg	237		289		120		230		
Colors	●		●		●		●		
Jacket	PTC		PTC		PTC		PTC		
Use	Mobile		Mobile		Mobile		Mobile		

* other options available please ask

Multicore Digital (TVL Series) - Digital Multicore (TVL Series) 116 mts HD-SDI (1080i) & 90 mts progressive HD-SDI (1080p)

TECHNICAL DATA		TVL 1211/5				TVL 2001/5		TVL 2011/5		
Composition		Coax Video (VK5)	Balanced Audio	Power Cables	UTP cat 5 patch	Coax Video (VK5)	UTP cat 5e patch	Coax Video (VK5)	Data Cable	UTP cat 6 Cable sólido
N. of conductors		1	2	3	1	2	1	2	8	1
Conductor	Cu	Cu OFC	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
Galga - AWG	23	24	15	24	23	24	23	20	20	20
Stranding	Solid	25/38	28/30	Solid	Solid	Solid	Solid	Solid	Solid	Solid
Section (mm ²)	0,28	0,2	1,5	0,2	0,28	0,2	0,28	0,5	0,5	0,5
Insulation	FHDPE	PEX	PTC	PE	FHDPE	PE	FHDPE	PTC	PEX	
Shield	Al-Pet-Al + CuSn	Cu (Spiral)	-	-	Al-Pet-Al + CuSn	-	Al-Pet-Al + CuSn	-	-	-
Nominal size	18				23		17,1			
Weight Kg	405				250		300			
Colors										
Jacket	PTC				PTC		PTC			
Use	Mobile				Mobile		Mobile			

* other options available please ask

TECHNICAL DATA		TVL 2101/5			TVL 2320/5			TVL 2321/5			
Composition		Coax Video (VK5)	Star-Quad Audio	UTP cat 5e patch	Coax Video (VK5)	Star-Quad Audio	Power Cables	Coax Video (VK5)	Balanced Audio	Power Cables	FTP cat 5e patch
N. of conductors		2	1	1	2	3	2	2	3	2	1
Conductor	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu	Cu	Cu	Cu	Cu
Galga - AWG	23	24	24	23	24	14	23	24	14	27	
Stranding	Solid	25/38	Solid	Solid	25/38	79/33	Solid	25/38	48/30	7/35	
Section (mm ²)	0,28	0,2	0,2	0,28	0,2	2	0,28	0,2	2,5	-	
Insulation	FHDPE	PEX	PEX	FHDPE	PEX	PTC	FHDPE	PPEX	PTC	PTC	
Shield	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	AL- Pet + Drain Wire	-	1 Foil 2 Pairs	
Nominal size	15			15,7			17				
Weight	180			300			360				
Colors											
Jacket	PTC			PTC			PTC				
Use	Mobile			Mobile			Mobile				

* other options available please ask

Multicore Digital (TVL Series) - Digital Multicore (TVL Series) 116 mts HD-SDI (1080i) & 90 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 2330/5			TVL 2410/5			TVL 2700/5	
Composition		Coax Video (VK5)	Star-Quad Audio	Power Cables	Coax Video (VK5)	Star-Quad Audio	Power Cables	Coax Video (VK5)	Star- Quad Audio
N. of conductors		2	3	3	2	4	3	2	7
Conductor	Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC
Galga - AWG	23	24	14	23	24	14	23	24	24
Stranding	Solid	25/38	79/33	Solid	25/38	45/30	Solid	25/38	25/38
Section (mm ²)	0,28	0,2	2	0,28	0,2	2,2	0,28	0,2	0,2
Insulation	FHDPE	PEX	PTC	FHDPE	PEX	PTC	FHDPE	PEX	PEX
Shield	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	Al-Pet
Nominal size	15,7			17,3			18,2		
Weight	300			380			450		
Colors									
Jacket	PTC			PTC			PTC		
Use	Mobile			Mobile			Mobile		

* other options available please ask



TECHNICAL DATA		TVL 3002/5			TVL 3101/5			TVL 3320/5		
Composition		Coax Video (VK5)	FTP cat 6 conductor rígido	Coax Video (VK5)	Balanced Audio AK2111AL	FTP cat 6 conductor rígido	Coax Video (VK5)	Star-Quad Audio	Power Cables	
N. of conductors		3	2	3	1	1	3	3	2	
Conductor	Cu	Cu	Cu	CuSn OFC	Cu	Cu	Cu	Cu OFC	-	
Galga - AWG	23	27	23	24	23	23	23	24	14	
Stranding	Solid	7/35	Solid	7/32	Solid	Solid	25/38	79/33		
Section (mm ²)	0,28	0,11	0,28	0,22	0,25	0,28	0,28	0,2	2	
Insulation	FHDPE	PEX	FHDPE	PEX	PEX	FHDPE	PEX	PEX	PTC	
Shield	Al-Pet-Al + CuSn	1 Foil 2 Pairs	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	1 Foil 2 Pairs	Al-Pet-Al + CuSn	Al-Pet	Al-Pet	-	
Nominal size	17,2			18			17			
Weight	450			300			365			
Colors										
Jacket	PTC			PTC			PTC			
Use	Mobile			Mobile			Mobile			

* other options available please ask

Multicore Digital (TVL Series) - Digital Multicore (TVL Series) 116 mts HD-SDI (1080i) & 90 mts progressive HD-SDI (1080p)

TECHNICAL DATA				TVL 3410/5		TVL 3600/5		TVL 4011/5		
Composition	Coax Video (VK5)	Star-Quad Audio	Power Cables	Coax Video (VK5)	Star-Quad Audio	Coax Video (VK5)	Power Cables	UTP cat 5e patch		
N. of conductors	3	4	3	3	6	4	3	1		
Conductor	Cu	Cu OFC	-	Cu	Cu OFC	Cu	Cu	Cu		
Galga - AWG	23	24	14	23	24	23	14	26		
Stranding	Solid	25/38	79/33	Solid	25/38	Solid	28/30	7/34		
Section (mm ²)	0,28	0,2	2	0,28	0,2	0,28	2,5	0,14		
Insulation	FHDPE	PEX	PTC	FHDPE	PEX	FHDPE	PTC	PE		
Shield	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	-	-		
Nominal size	21,5			19,1		22				
Weight	565			386		370				
Colors	●			●		●				
Jacket	PTC			PTC		PTC				
Use	Mobile			Mobile		Mobile				

* other options available please ask

TECHNICAL DATA				TVL 4311/5		TVL 4400/5		TVL 4611/5			
Composition	Coax Video (VK5)	Balanced Audio	Power Cables	UTP cat 5e patch	Coax Video (VK5)	Star-Quad Audio	Coax Video (VK5)	Star-Quad Audio	Power Cables	F/UTP cat 5e patch	
N. of conductors	4	3	3	1	4	4	4	6	3	1	
Conductor	Cu	Cu	Cu	Cu	Cu	Cu OFC	Cu	Cu OFC	Cu	Cu	
Galga - AWG	23	24	14	26	23	24	23	24	18	26	
Stranding	Solid	25/38	28/30	7/34	Solid	25/38	Solid	25/38	32/32	7/34	
Section (mm ²)	0,28	0,2	1,5	0,14	0,28	0,2	0,28	0,2	2,5	0,14	
Insulation	FHDPE	PPEX	PTC	-	FHDPE	PEX	FHDPE	PEX	PTC	PE	
Shield	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	-	-	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet	
Nominal size	19,5				17,3		25,5				
Weight	420			375		755					
Colors	●			●		●					
Jacket	PTC			PTC		PTC					
Use	Mobile			Mobile		Mobile					

* other options available please ask

Multicore Digital (TVL Series) - Digital Multicore (TVL Series) 116 mts HD-SDI (1080i) & 90 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 5100/5		TVL 5300/5		TVL 12131/5			
Composition		Coax Video (VK5)	Balanced Audio	Coax Video (VK5)	Star-Quad Audio	Coax Video (VK5)	Power Cables	Star-Quad Audio	UTP cat 5e solido
N. of conductors		5	1	5	3	2	3	1	1
Conductor	Cu	Cu		Cu	Cu OFC	Cu	Cu	Cu OFC	Cu
Galga - AWG	23	24		23	24	23	14	24	24
Stranding	Solid	7/32		Solid	25/38	Solid	28/30	25/38	Solid
Section (mm ²)	0,28	0,22		0,28	0,2	0,28	1,5	0,2	0,2
Insulation	FHDPE	PTC		FHDPE	PEX	FHDPE	PTC	PEX	PEX
Shield	Al-Pet-Al + CuSn	Al-Pet		Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	-	Al-Pet + Drain Wire	-
Nominal size	14,4		17,7		23				
Weight	200		420		600				
Colors	●		●		●				
Jacket	PTC		PTC		PTC				
Use	Mobile		Mobile		Mobile				

* other options available please ask



TECHNICAL DATA		TVL 76420/5		TVL 78480/5	
Composition		Coax Video (VK5)	Star-Quad Audio	Coax Video (VK5)	Star-Quad Audio
N. of conductors		1	2	2	2
Conductor	Cu		Cu OFC	Cu	Cu OFC
Galga - AWG	23		24	23	24
Stranding	Solid		25/38	Solid	25/38
Section (mm ²)	0,28		0,2	0,28	0,2
Insulation	FHDPE		PEX	FHDPE	PEX
Shield	Al-Pet-Al + CuSn		Al-Pet	Al-Pet-Al + CuSn	Al-Pet
Nominal size	12,2		12,8		
Weight	185		205		
Colors	●		●		
Jacket	PTC		PTC		
Use	Mobile		Mobile		

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series)

151mts HD-SDI (1080i) & 120 mts progressive HD-SDI (1080p)



APPLICATION

TVL digital multicore cables composed by different video, audio and control cables. Perfect for mobile applications.



TECHNICAL DATA	TVL 1002/CK/6		TVL 1030		TVL 1110/6		
	Coax Video (VK6)	CK 0004	Coax Video(VK770)	Power Cables	Coax Video (VK6)	Star-Quad Audio	Power Cables
N. of conductors	1	2	1	3	1	1	3
Conductor	Cu	Cu	Cu	Cu	Cu	Cu OFC	Cu
Galga - AWG	20	24	20	16	20	24	15
Stranding	Solid	7/32	Solid	28/30	Solid	25/38	28/30
Section (mm ²)	0,5	0,22	0,5	1,5	0,5	0,2	1,5
Insulation	FHDPE	PTC	FHDPE	PTC	FHDPE	PEX	PTC
Shield	Al-Pet-Al + CuSn	CuSn + Drain Wire	Al-Pet-Al + CuSn	-	Al-Pet-Al + CuSn	Al-Pet	-
Nominal size	14,4		12,5		17		
Weight	273		160		250		
Colors							
Jacket	PTC		PTC		PTC		
Use	Mobile		Mobile		Mobile		

* other options available please ask



TECHNICAL DATA	TVL 1211/680				TVL 2101/6		
	Coax Video (VK680)	Balanced Audio	Power Cables	UTP cat 5 patch	Coax Video (VK6)	Star-Quad Audio	UTP cat 5e patch
N. of conductors	1	2	3	1	2	1	1
Conductor	EHC CuAg	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu
Galga - AWG	20	24	18	26	20	24	24
Stranding	Solid	25/38	32/32	7/34	Solid	25/38	Solid
Section (mm ²)	0,5	0,2	1	0,14	0,5	0,2	0,2
Insulation	FHDPE+	PEX	PTC	PE	FHDPE	PEX	PE
Shield	CuSn + CuSn	Cu + Cu	-	-	Al-Pet-Al + CuSn	Al-Pet	-
Nominal size	16,70				16		
Weight	400				215		
Colors							
Jacket	PTC/NBR				PTC		
Use	Mobile				Mobile		

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 151mts HD-SDI (1080i) & 120 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 2321/6				TVL 2320/6				TVL 2330/6			
Composition		Coax Video (VK6)	Balanced Audio	Power Cables	FTP cat 5e patch	Coax Video (VK6)	Star-Quad Audio	Power Cables	Coax Video (VK6)	Star-Quad Audio	Power Cables		
N. of conductors		2	3	2	1	2	3	2	2	3	3		
Conductor	Cu	Cu	Cu	Cu	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu		
Galga - AWG	23	24	14	26	20	24	14	20	24	24	14		
Stranding	Solid	25/38	48/30	7/34	Solid	25/38	79/33	Solid	25/38	79/33			
Section (mm ²)	0,28	0,2	2,5	0,14	0,5	0,2	2	0,5	0,2	2			
Insulation	FHDPE	PPPEX	PTC	PE	FHDPE	PEX	PTC	FHDPE	PEX	PTC			
Shield	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	-	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	-			
Nominal size	18,5				17,5				15,7				
Weight	420				330				300				
Colors													
Jacket	PTC				PTC				PTC				
Use	Mobile				Mobile				Mobile				

* other options available please ask



TECHNICAL DATA		TVL 2410/6			TVL 2700/6			TVL 3002/6			TVL 3101/6		
Composition		Coax Video (VK6)	Star-Quad Audio	Power Cables	Coax Video (VK6)	Star-Quad Audio	Coax Video (VK6)	FTP cat 6 patch	Coax Video (VK6)	Balanced Audio AK2111AL	FTP cat 6		
N. of conductors		2	4	3	2	7	3	2	3	1	1		
Conductor	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu	Cu	Cu	Cu OFC	Cu		
Galga - AWG	20	24	14	20	24	20	27	20	24	24	23		
Stranding	Solid	25/38	79/33	Solid	25/38	Solid	7/35	Solid	7/32	Solid			
Section (mm ²)	0,5	0,2	2,2	0,5	0,2	0,5	0,11	0,5	0,22	0,34			
Insulation	FHDPE	PEX	PTC	FHDPE	PEX	FHDPE	PEX	FHDPE	PEX	PEX			
Shield	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	1 Foil 2 Pairs			
Nominal size	19			20,5			18,2			19,5			
Weight	410			480			450			365			
Colors													
Jacket	PTC			PTC			PTC			PTC			
Use	Mobile			Mobile			Mobile			Mobile			

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 151mts HD-SDI (1080i) & 120 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 3320/6			TVL 3410/6			TVL 3600/6		TVL 4400/6	
Composition		Coax Video (VK6)	Star-Quad Audio	Power Cables	Coax Video (VK6)	Star-Quad Audio	Power Cables	Coax Video (VK6)	Star-Quad Audio	Coax Video (VK6)	Star-Quad Audio
N. of conductors		3	3	2	3	4	3	3	6	4	4
Conductor		Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	Cu OFC
Galga - AWG		20	24	14	20	24	14	20	24	20	24
Stranding		Solid	25/38	79/33	Solid	25/38	79/33	Solid	25/38	Solid	25/38
Section (mm ²)		0,5	0,2	2	0,5	0,2	2	0,5	0,22	0,5	0,2
Insulation		FHDPE	PEX	PTC	FHDPE	PEX	PTC	FHDPE	PEX	FHDPE	PEX
Shield		Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet		Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet
Nominal size		20			23			21,1		20	
Weight		400			650			430		435	
Colors		●			●			●		●	
Jacket		PTC			PTC			PTC		PTC	
Use		Mobile			Mobile			Mobile		Mobile	

* other options available please ask



TECHNICAL DATA		TVL 5100/6		TVL 5300/6		TVL 12131/6			
Composition		Coax Video (VK6)	Balanced Audio	Coax Video (VK6)	Star-Quad Audio	Coax Video (VK6)	Power Cables	Star-Quad Audio	UTP cat 5e solido
N. of conductors		5	1	5	3	2	3	1	1
Conductor		Cu	Cu	Cu	Cu OFC	Cu	Cu	Cu OFC	Cu
Galga - AWG		20	24	20	24	20	14	24	24
Stranding		Solid	7/32	Solid	25/38	Solid	48/30	25/38	Solid
Section (mm ²)		0,5	0,22	0,5	0,2	0,5	2,5	0,2	0,2
Insulation		FHDPE	PTC	FHDPE	PEX	FHDPE	PTC	PEX	PE
Shield		Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	-	Al-Pet + Drain Wire	-
Nominal size		19		21		23			
Weight		270		470		640			
Colors		●		●		●			
Jacket		PTC		PTC		PTC			
Use		Mobile		Mobile		Mobile			

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 151mts HD-SDI (1080i) & 120 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 76420/6		TVL 78480/6	
Composition		Coax Video (VK6)	Star-Quad Audio	Coax Video (VK6)	Star-Quad Audio
N. of conductors		1	2	2	2
Conductor	Cu		Cu OFC	Cu	Cu OFC
Galga - AWG	20		24	20	24
Stranding	Solid		25/38	Solid	25/38
Section (mm ²)	0,5		0,2	0,5	0,2
Insulation	FHDPE		PEX	FHDPE	PEX
Shield	Al-Pet-Al + CuSn		Al-Pet	Al-Pet-Al + CuSn	Al-Pet
Nominal size		13,7			15
Weight		200			240
Colors		●			●
Jacket		PTC			PTC
Use		Mobile			Mobile

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 182 mts HD-SDI (1080i) & 150 mts progressive HD-SDI (1080p)



APPLICATION

TVL digital multicore cables composed by different video, audio and control cables. Perfect for mobile applications.



TECHNICAL DATA		TVL 1002/CK/7		TVL 1110/7			TVL 1211/7			
Composition		Coax Video (VK7)	CK 0004	Coax Video (VK7)	Star-Quad Audio	Power Cables	Coax Video (VK7)	Balanced Audio	Power Cables	Utp cat 5e
N. of conductors		1	2	1	1	3	1	2	3	1
Conductor	Cu	Cu		Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	Cu
Galga - AWG	18	24		18	24	15	18	24	18	24
Stranding	Solid	7/32		Solid	25/35	28/30	Solid	25/38	32/32	Solid
Section (mm ²)	0,785	0,22		0,785	0,2	1,5	0,785	0,2	1	0,20
Insulation	FHDPE	PTC		FHDPE	PEX	PTC	FHDPE	PEX	PTC	PE
Shield	Al-Pet-Al + CuSn	CuSn + Drain Wire		Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Cu (Spiral)	-	-
Nominal size		17		18			18,7			
Weight		140		270			415			
Colors		●		●			●			
Jacket		PTC		PTC			PTC-NBR			
Use		Mobile		Mobile			Mobile			

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 182 mts HD-SDI (1080i) & 150 mts progressive HD-SDI (1080p)

TECHNICAL DATA		TVL 2020/770			TVL 2101/7			TVL 2320/7		
Composition		Coax Video (VK7)	Power Cables	Coax Video (VK7)	Star-Quad Audio	Utp cat 5e	Coax Video (VK7)	Star-Quad Audio	Power Cables	
N. of conductors		2	2	2	3	2	2	1	1	
Conductor	Cu	Cu		Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	
Galga - AWG	18	14		18	24	24	18	24	14	
Stranding	Solid	48/30		Solid	25/38	Solid	Solid	25/38	79/33	
Section (mm ²)	0,785	2,5		0,785	0,2	0,2	0,785	0,2	2	
Insulation	FHDPE	PTC		FHDPE	PEX	PE	FHDPE	PEX	PTC	
Shield	Al-Pet-Al + CuSn	-		Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	-	
Nominal size	17			17			18			
Weight	361			250			370			
Colors	●			●			●			
Jacket	PTC-NBR			PTC			PTC			
Use	Mobile			Mobile			Mobile			

* other options available please ask

TECHNICAL DATA		TVL 2321/7				TVL 2410/7			TVL 2700/7	
Composition		Coax Video (VK7)	Balanced Audio	Power Cables	Utp cat 5e	Coax Video (VK7)	Star-Quad Audio	Power Cables	Coax Video (VK7)	Star-Quad Audio
N. of conductors		2	3	2	1	2	4	3	2	7
Conductor	Cu	Cu	Cu	Cu		Cu	Cu OFC	Cu	Cu	Cu OFC
Galga - AWG	18	24	14	24		18	24	14	18	24
Stranding	Solid	25/38	48/30	Solid		Solid	25/38	45/30	Solid	25/38
Section (mm ²)	0,785	0,2	2,5	0,2		0,785	0,2	2,2	0,785	0,2
Insulation	FHDPE	PPEX	PTC	PE		FHDPE	PEX	PTC	FHDPE	PEX
Shield	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	-	-		Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet
Nominal size	20				20			21		
Weight	460				450			520		
Colors	●				●			●		
Jacket	PTC				PTC			PTC		
Use	Mobile				Mobile			Mobile		

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 182 mts HD-SDI (1080i) & 150 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 3002/7			TVL 3101/7			TVL 3320/7		
Composition	Coax Video (VK7)	FTP cat 6	Coax Video (VK7)	Balanced Audio AK 2111AL	FTP cat 6	Coax Video (VK7)	Star-Quad Audio	Power Cables		
N. of conductors	3	2	3	1	1	3	3	2		
Conductor	Cu	Cu	Cu	CuSn OFC	Cu	Cu	Cu OFC	Cu		
Galga - AWG	18	23	18	24	23	18	24	14		
Stranding	Solid	Solid	Solid	7/32	Solid	Solid	25/38	79/33		
Section (mm ²) /	0,785	0,34	0,785	0,2	0,34	0,785	0,2	2		
Insulation	FHDPE	PEX	FHDPE	PEX	PEX	FHDPE	PEX	PTC		
Shield	Al-Pet-Al + CuSn	1 Foil 2 Pairs	Al-Pet-Al + CuSn	Al-Pet + Drain Wire	1 Foil 2 Pairs	Al-Pet-Al + CuSn	Al-Pet	-		
Nominal size	21,1		21			22				
Weight	305		425			470				
Colors										
Jacket	PTC		PTC			PTC				
Use	Mobile		Mobile			Mobile				

* other options available please ask



TECHNICAL DATA		TVL 3410/7			TVL 3600/7		TVL 4400/7		TVL 5100/7	
Composition	Coax Video (VK7)	Star-Quad Audio	Power Cables	Coax Video (VK7)	Star-Quad Audio	Coax Video (VK7)	Star-Quad Audio	Coax Video (VK7)	Balanced Audio	
N. of conductors	3	4	3	3	6	4	4	5	1	
Conductor	Cu	Cu OFC	Cu	Cu	Cu OFC	Cu	Cu OFC	Cu	Cu	
Galga - AWG	18	24	14	18	24	18	24	18	24	
Stranding	Solid	25/38	79/33	Solid	25/38	Solid	25/38	Solid	7/32	
Section (mm ²)	0,785	0,2	2	0,785	0,2	0,785	0,2	0,785	0,22	
Insulation	FHDPE	PEX	PTC	FHDPE	PEX	FHDPE	PEX	FHDPE	PTC	
Shield	Al-Pet-Al + CuSn	Al-Pet	-	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	Al-Pet-Al + CuSn	Al-Pet	
Nominal size	25			23		22		20		
Weight	720			490		495		360		
Colors										
Jacket	PTC			PTC		PTC		PTC		
Use	Mobile			Mobile		Mobile		Mobile		

* other options available please ask

Multicore Digital (TVL Series) - Multicore Digital (TVL Series) 182 mts HD-SDI (1080i) & 150 mts progressive HD-SDI (1080p)



TECHNICAL DATA		TVL 5300/7		TVL 12131/7				
Composition		Coax Video (VK7)	Star-Quad Audio	Coax Video (VK7)	Power Cables	Star-Quad Audio	Triax 8 Z	Utp cat 5e Solido
N. of conductors		5	3	2	3	1	1	1
Conductor	Cu	Cu OFC		Cu	Cu	Cu OFC	CuAg	Cu
Galga - AWG	18	24		18	14	24	20	24
Stranding	Solid	25/38		Solid	48/30	25/38	7/28	Solid
Section (mm ²)	0,785	0,2		0,785	2,5	0,2	0,5	0,2
Insulation	FHDPE	PEX		FHDPE	PTC	PEX	FHDPE	PE
Shield	Al-Pet-Al + CuSn	Al-Pet		Al-Pet-Al + CuSn	-	Al-Pet + Drain Wire	CuAg+ FRLS + CU	-
Nominal size	23			25				
Weight	580			750				
Colors								
Jacket	PTC			PTC				
Use	Mobile			Mobile				



TECHNICAL DATA		TVL 76420/7		TVL 78480/7	
Composition		Coax Video (VK7)	Star-Quad Audio	Coax Video (VK7)	Star-Quad Audio
N. of conductors		1	2	2	2
Conductor	Cu	Cu OFC		Cu	Cu OFC
Galga - AWG	18	24		18	24
Stranding	Solid	25/38		Solid	25/38
Section (mm ²)	0,785	0,2		0,785	0,2
Insulation	FHDPE	PEX		FHDPE	PEX
Shield	Al-Pet-Al + CuSn	Al-Pet		Al-Pet-Al + CuSn	Al-Pet
Nominal size	15			16	
Weight	220			280	
Colors					
Jacket	PTC			PTC	
Use	Mobile			Mobile	

* other options available please ask



Multicore Digital (TVL Series)

APPLICATION

Multicore cables suitable for remote connections of broadcast cameras and self-amplified mono and stereo balanced audio systems.



TECHNICAL DATA		TVL 0110		TVL 0210		TVL 1300	
Composition		Power Cables	AK 220 AL	Power Cables	AK 2111 AL	Coax Video (VK2)	Balanced Pair
N. of conductors		1	1	3	2	1	3
Conductor	Cu	Cu OFC		Cu	CuSn	CuSn	CuSn
Galga - AWG	2 x AWG16 + 1 x AWG20		24	14	24	26	24
Stranding	28/30 + 16/32	25/38		80/32	7/32	Solid	7/32
Section (mm ²)	2x1,5 + 1x0,5	0,2		2,5	0,22	0,125	0,22
Insulation	PTC	PTC		PTC	PEX	FHDPE	PTC
Shield	Al-Pet + Drain Wire	Al-Pet + Drain Wire		-	Al-Pet + Cu	Al-Pet + CuSn	Cu (Spiral)
Nominal size	16		13,5		8,5		
Weight	237		216		116		
Colors	●		●		●		
Jacket	PTC		PTC		PTC		
Use	Mobile		Mobile		Mobile		

Multicore camera cable

APPLICATION

Typical CCU-camera cable for all kinds of brands. Professional multicore. High flexibility. 75 Ohms mini coaxial video VK1. Low capacitance.



TECHNICAL DATA		VK 7124					VK 4212			
Composition		Coax Video	Coax Audio	Balanced Audio	Signal Cable	Power Cables	Coax Video	Balanced Audio	Signal Cable	Power Cables
N. of conductors		7	1	2	8	4	5	1	4	2
Conductor		CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG		28	28	30	26	16	28	26	24	14
Stranding		7/36	7/36	7/38	7/34	55/33	7/36	7/34	7/32	7/33
Section (mm ²)		0,08	0,08	0,055	0,123	1,4	0,08	0,123	0,22	2
Insulation		PEX	PEX	PTC	PTC	PTC	PEX	PTC	PTC	PTC
Shield		CuSn + CuSn	CuSn	CuSn	-	-	CuSn + CuSn	CuSn	CuSn	-
Shield general		CuSn					CuSn			
Nominal size		12,8					11,6			
Weight		240					270			
Colors										
Jacket		PTC					PTC			
Use		Mobile					Mobile			

* other options available please ask



TECHNICAL DATA		VK 2335				VK 2224				
Composition		Coax Video	Balanced Audio	Signal Cable	Power Cables	Coax Video	Coax Audio	Balanced Audio	Signal Cable	Power Cables
N. of conductors		2	4	3	2	6	2	3	7	2
Conductor		CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG		28	28	24	16	28	28	26	26	14
Stranding		7/36	7/36	25/38	54/33	7/36	7/36	7/34	7/34	79/33
Section (mm ²)		0,08	0,08	0,2	1,4	0,08	0,08	0,123	0,123	2
Insulation		PEX	PTC	PTC	PTC	PEX	PEX	PTC	PTC	PTC
Shield		CuSn + CuSn	CuSn (Spiral)	-	-	CuSn + CuSn	CuSn	CuSn (Spiral)	-	-
Nominal size		10,8					12,6			
Weight		165					235			
Colors										
Jacket		PTC					PTC			
Use		Mobile					Mobile			

* other options available please ask

Multicore camera cable



TECHNICAL DATA			VK 2152		VK 11718				
Composition	Coax Video	Balanced Audio	Power Cables		Coax Video	Coax Audio	Balanced Audio	Signal Cable	Power Cables
N. of conductors	3	1	2		8	4	5	3	3
Conductor	CuSn	CuSn	CuSn		CuSn	CuSn	CuSn	CuSn	CuSn
Galga - AWG	28	28	16		28	28	28	24	14
Stranding	7/36	7/36	54/33		7/36	7/36	7/36	25/38	140/34
Section (mm ²)	0,08	0,08	1,4		0,08	0,08	0,08	0,2	2,5
Insulation	PEX	PTC	PTC		PEX	PEX	PTC	PTC	PTC
Shield	CuSn + CuSn	CuSn (Spiral)	-		CuSn + CuSn	Cusn	CuSn (Spiral)	CuSn	-
Nominal size	10,1			15					
Weight	155			330					
Colors	●			●					
Jacket	PTC			PTC					
Use	Mobile			Mobile					

* other options available please ask



TECHNICAL DATA			VK 7453				
Composition	Coax Video Digital	Coax Video	Coax Audio	Balanced Audio	Signal Cable	Power Cables	
N. of conductors	1	6	1	2	8	4	
Conductor	Cu	CuSn	CuSn	CuSn	CuSn	CuSn	
Galga - AWG	23	28	28	26	26	16	
Stranding	solid	7/36	7/36	7/34	7/34	54/33	
Section (mm ²)	0,28	0,28	0,28	0,123	0,123	1,4	
Insulation	FHDPE	PEX	PEX	PTC	PTC	PTC	
Shield	Al-Pet-Al+CuSn +CuSn	CuSn	Cusn	CuSn (Spiral)	-	-	
Nominal size	15						
Weight	330						
Colors	●						
Jacket	PTC						
Use	Mobile						

* other options available please ask



Hybrid Cable: Electric + Fiber (SMPTE 311M)

APPLICATION

Cable designed for camera applications in which the single mode fiber link is defined by control/signal cables. Used in professional video production to transmit simultaneously video, audio and control signals between the OB van and the base station.

TECHNICAL DATA		FO311PROF				FO311PROF FLEX			
Composition	Fiber	Power Cables	Control Cables	Stranded Steel	Fiber	Power Cables	Control Cables	Aramid Yarns	
N. of conductors	2	4	2	1	2	4	2	1	
Conductor	Single mode	CuSn	CuSn	Galvanized Steel	Single Mode	CuSn	CuSn	Aramid yarns	
Galga - AWG	9,3/125 micron	20	24	16	9,3/125 micron	20	24	16	
Stranding	-	19/32	7/32	19/28	-	19/32	7 / 3 2	-	
Section (mm ²)	-	0,6	0,22	1,34	-	0,6	0,22	1,34	
Insulation	PTC	HDPE	HDPE	PTC	PTC	HDPE	HDPE	PTC	
Shield	CuSn	-	-	-	CuSn	-	-	-	
Nominal size	9,2				9,2				
Weight	124				112				
Colors									
Jacket	PTC, HF, PUR				PTC				
Use	Mobile				Mobile				

TECHNICAL DATA		TV-OM-AMS SMPTE				2SM-9,2-37,5 ARIB			
Composition	Fiber	Power Cables	Control Cables	Stranded Steel	Fiber	Power Cables	Control Cables	Stranded Steel	
N. of conductors	2	4	2	1	2	4	2	1	
Conductor	Single mode	CuSn	CuSn	Galvanized Steel	Single mode	CuSn	CuSn	Galvanized Steel	
Galga - AWG	9,3/125 micron	20	24	16	9,3/125 micron	20	24	16	
Stranding	-	21/33	7/32	19/28	-	21/33	7/33	19/28	
Section (mm ²)	-	0,53	0,22	1,34	-	0,53	0,18	1,34	
Insulation	PTC	HDPE	HDPE	PTC	PTC	HDPE	HDPE	PTC	
Shield	CuSn	-	-	-	CuSn	-	-	-	
Nominal size	9,2				9,2				
Weight	120				120				
Colors									
Jacket	PUR				PTC				
Use	Mobile				Mobile				

* other options available please ask

Triax Cable

APPLICATION

Triax cables that offer high performance and resistance in mobile cameras applications as well as in fixed installations in studios.



TECHNICAL DATA	Triax 8 Rígido	Triax 8 Flex	Triax 8 Pur	Triax 9	Triax 9 Plata
N. of conductors	1	1	1	1	1
Conductor	CuAg	CuAg	CuAg	Cu	CuAg
Galga - AWG	18	20	18	20	20
Stranding	Solido	7/28	Solido	Solido	Solido
Section (mm ²)	0,785	0,5	0,785	0,52	0,52
Insulation	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Shield	CuAg + Cu	CuAg + Cu	CuAg + Cu	Cu + Cu	CuAg + Cu
Nominal size	8,5	8,5	8,5	8,2	8,2
Weight	118	118	118	118	118
Colors	●	●	●	● ●	● ●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PUR	TPE-U	TPE-U
Use	Install	Mobile	Mobile	Mobile	Mobile



TECHNICAL DATA	Triax 11 Rigid	Triax 11 Flex	Triax 11 Pur	Triax 14
N. of conductors	1	1	1	1
Conductor	CuAg	CuAg	CuAg	CuAg
Galga - AWG	15	16	16	12
Stranding	Solido	19/28	19/28	7/21
Section (mm ²)	1,54	1,34	1,34	2,7
Insulation	FHDPE	FHDPE	FHDPE	FHDPE
Shield	CuAg + Cu	CuAg + Cu	CuAg + Cu	CuAg + Cu
Nominal size	11	11	11	14,5
Weight	165	168	168	269
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PUR	PTC, FRLSZH
Use	Install	Mobile	Mobile	Mobile

* other options available please ask

CK Series - Li YCY AWG24 95 pF/m

APPLICATION

Multicore shielded control cable with 0.22mm² section. Perfect for computer, instrumentation or control applications that do not require a very high bandwidth.



TECHNICAL DATA	CK 0004	CK 0006	CK 0008	CK 0010	CK 0012
N. of conductors	4	6	8	10	12
Conductor	Cu	Cu	Cu	Cu	Cu
Galga - AWG	24	24	24	24	24
Stranding	7/32	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,22	0,22
Insulation	PTC	PTC	PTC	PTC	PTC
Shield	CuSn+ Drain Wire				
Nominal size	4,4	5,2	5,7	6,3	6,4
Weight	30	41	50	60	70
Colors	●	●	●	●	●
Jacket	PTC, FRLSZH				
Use	Mobile	Mobile	Mobile	Mobile	Mobile

* other options available please ask



TECHNICAL DATA	CK 0016	CK 0025	CK 0036	CK 0050
N. of conductors	16	25	36	50
Conductor	Cu	Cu	Cu	Cu
Galga - AWG	24	24	24	28
Stranding	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,12
Insulation	PTC	PTC	PTC	PTC
Shield	CuSn+ Drain Wire	CuSn+ Drain Wire	CuSn+ Drain Wire	Al-Pet-CuSn+ Drain Wire
Nominal size	7,4	9,5	9,7	9,5
Weight	80	130	140	150
Colors	●	●	●	●
Jacket	PTC, FRLSZH	PTC, FRLSZH	PTC, FRLSZH	PTC
Use	Mobile	Mobile	Mobile	Mobile

* other options available please ask

CK Series - Li Y(St)CY AWG28 80 pF/m

APPLICATION

Multicore shielded control cable with 0.22mm² section with double general shield, designed for all kind of control applications. Perfect for mobile applications.



TECHNICAL DATA	CK 6008	CK 9008	CK 12008
N. of conductors	6	9	12
Conductor	Cu	Cu	Cu
Galga - AWG	28	28	28
Stranding	7/36	7/36	7/36
Section (mm ²)	0,08	0,08	0,08
Insulation	PTC	PTC	PTC
Shield	Al-Pet + CuSn + Drain Wire	Al-Pet + CuSn + Drain Wire	Al-Pet + CuSn + Drain Wire
Nominal size	5,6	6,5	7
Weight	40	50	65
Colors	●	●	●
Jacket	PTC	PTC, FLRSZH	PTC
Use	Mobile	Mobile	Mobile

* other options available please ask

CK Series - Li 02YS(St)Y AWG28 60 pF/m



APPLICATION

Miniature low capacitance shielded control cable with 0.123 mm² section. Perfect for computer, instrumentation or control applications such as RS-232c (null modem cable), RS 485 and RS 422.



TECHNICAL DATA	CK 2014
N. of pairs	2
Conductor	CuSn
Galga - AWG	28
Stranding	7/34
Section (mm ²)	0,123
Insulation	PEX
Shield	Al-Pet (100)
Nominal size	4,9
Weight	21
Colors	●
Jacket	PTC, FRFLSZH
Use	Install

* other options available please ask

LK Series - Li 02YS(St)CY AWG24 (Low capacitance) 38 pF/m

APPLICATION

Multipair low capacitance control cable with double shield and 0.22 mm² section, perfect for all kinds of computer, instrumentation or control applications such as RS-232c, RS 485 and RS 422.



TECHNICAL DATA	LK 2202	LK 3202	LK 4202	LK 5202	LK 6202	LK 8202	LK 10202	LK 13202
N. of pairs	2	3	4	5	6	8	10	13
Conductor	CuSn							
Galga - AWG	24	24	24	24	24	24	24	24
Stranding	7/32	7/32	7/32	7/32	7/32	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22	0,22	0,22	0,22	0,22	0,22
Insulation	PEX							
Shield	Al-Pet + Drain Wire + CuSn							
Nominal size	6	6,5	7,2	7,5	8	8,9	9,5	10,7
Weight	44	47	66	54	57	69	73	78
Colors	●	●	●	●	●	●	●	●
Jacket	PTC, FRLSZH							
Use	Mobile							

* other options available please ask

LK Series - Li 02YS(St)CY AWG24 (Very low capacitance) - 29 pF/m



APPLICATION

Very low capacitance multipair control cable with double shield of 0.22mm² section, designed for all kinds of computer, instrumentation or control applications such as RS-232c, RS 485 and RS 422. Perfect for mobile applications.



TECHNICAL DATA	LK 9282	LK 9283	LK 9284
N. of pairs	2	3	4
Conductor	CuSn	CuSn	CuSn
Galga - AWG	24	24	24
Stranding	7/32	7/32	7/32
Section (mm ²)	0,22	0,22	0,22
Insulation	PEX	PEX	PEX
Shield	Al-Pet + Drain Wire + CuSn	Al-Pet + Drain Wire + CuSn	Al-Pet + Drain Wire + CuSn
Nominal size	9,3	10,2	11,2
Weight	98	108	118
Colors	●	●	●
Jacket	PTC, FRLSZH	PTC	PTC
Use	Mobile	Mobile	Mobile

* other options available please ask

RK Series - Remote Control Cable

APPLICATION

Cables specifically designed for control applications for Bang&Olufsen, RCP Sony, ROP Panasonic, power SMPTE 311M, Bosch DCN, ...



TECHNICAL DATA		TVL 1300		RK 311 M		RK 485		RK 824		
Composition		Coax Video	Balanced pairs	Power Cables	Digital Balanced pair	Twisted Pair	Shielded Signal	Unshielded Signal	Signal Pairs	
N. of conductors		1	3	3	1	1	8	4	2	
Conductor		CuSn	CuSn	Cu	CuSn	Cu	CuSn	CuSn	CuSn	
Galga - AWG		26	24	14	22	17	30	30	30	
Stranding		Solid	7/32	48/30	7/30	32/32	7/38	7/38	7/38	
Section (mm ²)		0,12	0,22	2,5	0,34	1	0,055	0,055	0,055	
Insulation		FHDPE	PTC	PTC	PEX	PEX	PTC	PTC	PTC	
Shield		Al-Pet + CuSn + CuSn	Cu Spiral	-	Al-Pet + Drain Wire	Al-Pet+Drain Wire + Braided Cu	CuSn Spiral + PTC + CuSn	-	-	
Shield general		CuSn		-		-		CuSn		
Nominal size		8,5		11,5		10,2		7,8		
Weight		116		207		95		90		
Colors										
Jacket		PTC		PTC/HF		PTC, FRLSZH		PTC, FRLSZH		
Use		Mobile		Install		Mobile		Mobile		
Aplicación		Rcp Sony		SMPTE Control		RS 485/Bus		Control		

* consultar otras opciones disponibles



TECHNICAL DATA		RK 1000		RK 1321		RK 3110			RK 4381	
Composition		Twister Pair	Unshielded Signal	Shielded Signal	Unshielded Signal	Shielded Signal	Unshielded Signal	Audio Coaxial	Shielded Signal	Unshielded Signal
N. of conductors		2	1	3	3	2	3	1	2	2
Conductor		CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	CuSn	Cu	Cu
Galga - AWG		30	30	24	24	28	28	28	28	20
Stranding		10/38	10/38	7/32	7/32	7/36	7/36	7/36	solid	
Section (mm ²)		0,08	0,08	0,22	0,22	0,08	0,08	0,08	0,07	0,75
Insulation		PTC	PTC	PE	PE	PTC	PTC	PE	PEX	PTC
Shield		Spiral CuSn	-	Al-Pet + Drain Wire	-	CuSn Spiral + Cu	-	CuSn Spiral	Cu Spiral + Cu	-
Shield general		-		Al-Pet		-			Cu	
Nominal size		2,95		6,8		4			6,1	
Weight		10		70		33			80	
Colors										
Jacket		PTC, FRLSZH		PTC, FRLSZH		PTC			PTC, FRLSZH	
Use		Mobile		Mobile			Mobile			Mobile
Aplicación		Power Link (B&O)		Master Link (B&O)			ROP Panasonic Cable / Powerlink (B&O)			DCN Bosch

* other options available please ask

RK Series - Remote Control Cable

TECHNICAL DATA		RK 3727			RK 4008		RK 8300	
Composition	Shielded Signal	Unshielded Signal	Unshielded Signal	Shielded Signal	Unshielded Signal	Unshielded Signal	Unshielded Signal	
N. of conductors	3	2	2	4	2	8	3	
Conductor	Cu	Cu	Cu	Cu	Cu	CuSn	CuSn	
Galga - AWG	28	26	28	30	24	19	24	
Stranding	7/36	17/36	7/36	10/38	14/34	41/34	11/34	
Section (mm ²)	0,08	0,2	0,08	0,08	0,25	0,75	0,2	
Insulation	PTC	PEX	PEX	PTC	PTC	PTC	PTC	
Shield	CuSn Spiral + PTC	-	-	Cu Spiral	-	-	-	
Shield general	CuSn			-		-		
Nominal size	6			6,4		7,8		
Weight	60			70		115		
Colors	●			● ○		●		
Jacket	CuSn + FRLS			PTC		PTC		
Use	Mobile			Mobile		Mobile		
Aplicación	Lab.Translation			Data Link (B&O)		Control		

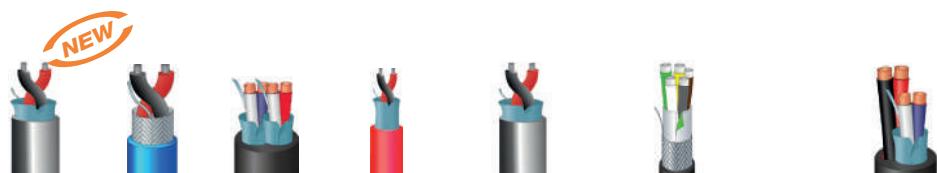
* other options available please ask



DMX Series - Lighting / Stella Control Cable

APPLICATION

Multicore low capacitance shielded cables, designed for lighting control through DMX (3 and 5 pins) protocol, as well as for Meyer Sound's Stella series (compatible with 5 pin EN3 series).



TECHNICAL DATA		DMX 505	DMX 507	DMX 508	DMX 509 FIRE	DMX 509	DMX 510		DMX 512	
Composition	Digital Balanced Pair	Signal Cable	Digital Balanced Pair	Power Cables						
N. of conductors	1	1	2	1	1	2	1	1	2	
Conductor	CuSn	CuSn	CuSn	CuSn OFC	CuSn OFC	CuSn	CuSn	Cu	Cu	
Galga - AWG	20	22	24	22	24	22	22	24	18	
Stranding	16/32	11/32	7/32	12/32,5	7/32	7/30	7/30	7/32	26/32	
Section (mm ²)	0,50	0,34	0,22	0,34	0,22	0,34	0,34	0,22	0,8	
Insulation	PE	PEX	PEX	XLS	PEX	PEX	PEX	PEX	PTC	
Shield	Al-Pet + Drain Wire	Braided CuSn	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire	Al-Pet + Drain Wire + CuSn		Al-Pet + Drain Wire	-	
Nominal size	6	6,3	6	8,5	5,5	7,5		7		
Weight	50	40	50	25	35	63,5		56		
Colors	●	●	●	●	●	●		●		
Jacket	PTC/NBR	PVC	PTC	FRLSH	PTC	PTC/NBR		PTC, FLEX, FRLSH		
Use	Mobile	Mobile	Mobile	Install	Mobile	Mobile		Mobile		

* other options available please ask

DMX Series - Lighting / Stella Control Cable



TECHNICAL DATA		DMX 513		DMX 514			DMX 515 Armoured		DMX 515		TVL 0210	
Composition	Digital Balanced Pair	Power Cables	Digital Balanced Pair	Power Cables	Power Cables	Digital Balanced Pair	Power Cables	Digital Balanced Pair	Power Cables	Digital Balanced Pair	Power Cables	
N. of conductors	1	2	1	2	1	1	2	1	2	2	3	
Conductor	Cu	Cu	CuSn OFC	Cu	Cu	Cu	Cu	Cu	Cu	CuSn	Cu	
Galga - AWG	22	18	24	14	18	20	14	20	14	24	14	
Stranding	7/30	16/30	7/32	43/30	30/32	16/32	48/30	16/32	48/30	7/32	80/32	
Section (mm²)	0,34	1	0,22	2	1	0,5	2,5	0,5	2,5	0,22	2,5	
Insulation	PEX	PTC	PEX	PTC	PTC	PEX	PTC	PEX	PTC	PEX	PTC	
Shield	Al-Pet + Drain Wire	-	Al-Pet + Drain Wire	-	-	Al-Pet + CuSn	-	Al-Pet + CuSn	-	Al-Pet + Cu	-	
Nominal size	7,2		9,2			16,3		12		13,5		
Weight	90		87,5			145		120		216		
Colors												
Jacket	PTC, FRLSZH		PTC/NBR			PTC + Steel		PTC		FRLS		
Use	Mobile		Mobile			Install		Mobile		Mobile		

* other options available please ask



NEO-CAT.5e (BW 300 MHz)

APPLICATION

AWG 24-26 cable to connect computers, computer devices and A/V converters creating networks such as IEEE 802.3: 10Base-T; IEEE 802.5 16 MB; ISDN; TPDDI; ATM (PoE) / PoE+, audio/video, HDBaseT. Fully compatible with EN 50173-1; EN 50288-2-1 ISO/IEC 11801; IEC 61156-5, TIA/EIA- 568-B.2, IEEE 802.3at.



TECHNICAL DATA		NEO-CAT5009	NEO-CAT5010	NEO-CAT5011 HF/HS	NEO-CAT5012
Composition		U/UTP RIGID	U/UTP FLEXIBLE	F/UTP RIGID	F/UTP FLEXIBLE
N. of conductors		4x2	4x2	4x2	4x2
Conductor		Cu	Cu	Cu	Cu
Galga - AWG		24	26	24	26
Stranding		Solid	7/34	Solid	7/34
Section (mm²)		0,20	0,14	0,20	0,14
Insulation		PE	PE	PE	PE
Shield		-	-	Al-Pet + Drain Wire	Al-Pet + Drain Wire
Tamaño nominal		5,6	5,6	5,8	5,6
Weight		36	41	41	39
Colors					
Jacket		FRLSZH, PTC	FRLSZH, PTC	FRLSZH, PTC	FRLSZH, PTC
Use		Install	Mobile	Install	Mobile

* other options available please ask

NEO-CAT.6 (BW 400 MHz)

APPLICATION

AWG 23-27 cable to connect computers, computer devices and A/V converters creating networks such as IEEE 802.3: 10Base-T; IEEE 802.5 16 MB; ISDN; TPDDI; ATM (PoE) / PoE+, audio/video, HDBaseT. Fully compatible with EN 50173-1; EN 50288-2-1 ISO/IEC 11801; IEC 61156-5, TIA/EIA- 568-B.2, IEEE 802.3at.



TECHNICAL DATA	NEO-CAT6002	NEO-CAT6003	NEO-CAT6004	NEO-CAT6007 HF	NEO-CAT6007 PUR	NEO-CAT6008
Composition	U/UTP RIGID	U/UTP FLEXIBLE	U/FTP RIGID	U/FTP FLEXIBLE	U/FTP FLEXIBLE PUR	F/FTP SUPERFLEX
N. of conductors	4x2	4x2	4x2	4x2	4x2	4x2
Conductor	Cu	Cu	Cu	Cu	Cu	Cu
Galga - AWG	23	26	23	27	27	27
Stranding	Solid	7/34	Solid	7/35	7/35	7/35
Section (mm ²)	0,28	0,14	0,28	0,11	0,11	0,11
Insulation	PE	PE	PEX	PEX	PEX	PEX
Shield	-	-	1 Al-Pet foil for 2 pairs + general Al-Pet			
Nominal size	6,2	5,6	6,5	5,9	7	7,5
Weight	39	34	44	39	39	45
Colors	●	●	● ●	● ● ●	●	●
Jacket	FRLSH, PTC	PTC, FRLSH	PTC, FRLSH	FRLSH	PUR	PTC/NBR
Use	Install	Mobile	Install	Mobile	Mobile	Mobile

* other options available please ask

NEO-CAT.6A (BW 500 MHz)



APPLICATION

AWG 23/1 S/FTP cable to connect computer devices and A/V converters creating an A/V network type IEEE 802.3;1000Base-T; IEEE 802.5 16 MB; ISDN; TPDDI; ATM (PoE) / PoE+, audio/video, HDBaseT. Totally compatible with EN 50173-1; EN 50288-2-1 ISO/ IEC 11801; IEC 61156-5, TIA/EIA- 568-B.2, IEEE 802.3at.



TECHNICAL DATA	NEO-CAT6006 HF B2CA	NEO-CAT 6010HF	NEO-SMART6011/FCA
Composition	U/FTP RIGID	U/UTP RIGID	
N. of conductors	4x2	4x2	4x2
Conductor	Cu	Cu	Cu
Galga - AWG	23	23	23
Stranding	Solid	Solid	7/31
Section (mm ²)	0.25	0.25	0.27
Insulation	PEX	PE	PE
Shield	Al-Pet	10G Un-Foil	TPE + CuSn
Nominal size	7,4	7,7	8,7
Weight	47	54	84
Colors	●	●	●
Jacket	FRLSH	FRLSH	PTC/NBR
Use	Install	Install	Mobile

* other options available please ask

NEO-CAT.7 (BW 900 MHz)

APPLICATION

AWG 23-27 cable to connect computers, computer devices and A/V converters creating networks such as IEEE 802.3;1000Base-T; 10GBase-T IEEE 802.5 16 MB; ISDN; TPDDI; ATM (PoE) / PoE+, audio/video, HDBaseT. Fully compatible with EN 50173-1; EN 50288-4-1, ISO/IEC 11801; IEC 61156-5, IEEE 802.3at.



TECHNICAL DATA		NEO-CAT7000 FLEXHF	NEO-CAT7000 HF
Composition		S/FTP FLEXIBLE	S/FTP RIGID
N. of conductors		4x2	4x2
Conductor		Cu	Cu
Galga - AWG		27	23
Stranding		7/35	Solid
Section (mm ²)		0,11	0,28
Insulation		PEX	PEX
Shield		Al-Pet + Braided CuSn	Al-Pet + Braided CuSn
Nominal size		5,9	7,5
Weight		39	55
Colors		●	● ○
Jacket		FRLSZH	FRLSZH
Use		Mobile	Install

* other options available please ask

RGBHV Free Skew

APPLICATION

AWG 23 S/FTP network cable, perfect to link A/V converters that demand no delay between pairs. Fully compatible with EIA/TIA 568B; ISO/IEC 11801 2nd ed.; IEC 61156-5 ; EN 50173. Maximum nominal delay 2ns/100m.



TECHNICAL DATA		NEO-CATRGB
Composition		S/FTP Premium AV
N. of conductors		4x2
Conductor		Cu
Galga - AWG		23
Stranding		Solid
Section (mm ²)		0,28
Insulation		PEX
Shield		Al-Pet + Braided CuSn
Nominal size		7,5
Weight		75
Colors		●
Jacket		FRLSZH
Use		Mobile

* other options available please ask

HDMI 2.0 Serie

APPLICATION

HDMI type 2 cable with HEAC high speed channel (340 MHz) of AWG 28, manufactured according to HDMI 1.4 standard. Fully compatible with HDMI 2.0 (600 MHz) for distances up to 3 metres.



HDMI 2.0

TECHNICAL DATA

Composition / Composition	Balanceado Apantallado Par	Señal No Apantallado
N. of conductors	5	4
Conductor	CuSn	CuSn
Galga	28	28
Stranding	7/32	7/32
Section (mm ²)	0,2	0,2
Insulation	PEX	PTC
Shield	Al-Pet + Drain Wire	-
Nominal size	7	
Weight	70	
Colors	●	
Jacket	Al-Pet + CuSn + PTC	
Use	Mobile	

* other options available please ask

F.O Tight Buffer

F.O Cable BD - Tight Buffer Cable (Gel Free)

APPLICATION

The strongest, most flexible and easiest to install with dielectric armour as anti-rodent protection. Advantages: Very strong and resistant construction. Based on DIN VDE 0888/6. It can be terminated directly. Flexible and resilient. Excellent mechanical resistance. Very easy to strip (gel free). Completely dielectric. Very strong, flexible and easy to install.

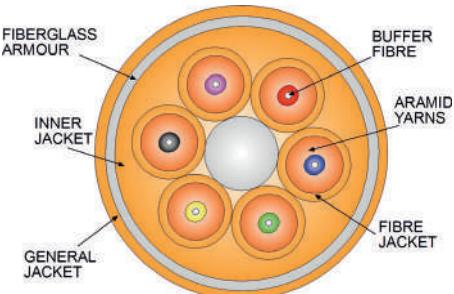
MULTIMODO (MM)

OM2

Mod.	Description
FO250BDOM2HF	Tight 2 X 50/125 OM2 500/500 Breakout
FO450BDOM2HF	Tight 4 X 50/125 OM2 500/500 Breakout
FO650BDOM2HF	Tight 6 X 50/125 OM2 500/500 Breakout
FO850BDOM2HF	Tight 8 X 50/125 OM2 500/500 Breakout
FO1250BDOM2HF	Tight 12 X 50/125 OM2 500/500 Breakout
FO262BDOM2HF	Tight 2 X 62,5/125 OM2 500/500 Breakout
FO462BDOM2HF	Tight 4 X 62,5/125 OM2 500/500 Breakout

OM2 XL

Mod.	Description
FO250BDOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Breakout
FO450BDOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Breakout
FO650BDOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Breakout
FO850BDOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Breakout
FO1250BDOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Breakout



OM3

Mod.	Description
FO250BDOM3HF	Tight 2 X 50/125 OM3 1500/500 Breakout
FO450BDOM3HF	Tight 4 X 50/125 OM3 1500/500 Breakout
FO650BDOM3HF	Tight 6 X 50/125 OM3 1500/500 Breakout
FO850BDOM3HF	Tight 8 X 50/125 OM3 1500/500 Breakout
FO1250BDOM3HF	Tight / 12 X 50/125 OM3 1500/500 Breakout

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210BDHF	Tight 2 X 9,3/125 Monomodo Breakout
FO410BDHF	Tight 4 X 9,3/125 Monomodo Breakout
FO610BDHF	Tight 6 X 9,3/125 Monomodo Breakout
FO810BDHF	Tight 8 X 9,3/125 Monomodo Breakout
FO1210BDHF	Tight 12 X 9,3/125 Monomodo Breakout

F.O Tight Buffer

F.O Cable BM - Tight Buffer Cable (Gel Free)

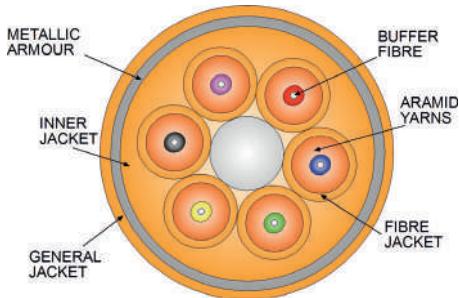
APPLICATION

Very strong, flexible and easy to install metallic armour as anti-rat protection. Advantages: Very strong and resistant construction. Can be directly terminated. Flexible and resistant. Excellent mechanical resistance. Very easy to strip (gel free).

MULTIMODO (MM)

OM2

Mod.	Description
FO250BMOM2HF	Tight 2 X 50/125 OM2 500/500 Breakout
FO450BMOM2HF	Tight 4 X 50/125 OM2 500/500 Breakout
FO650BMOM2HF	Tight 6 X 50/125 OM2 500/500 Breakout
FO850BMOM2HF	Tight 8 X 50/125 OM2 500/500 Breakout
FO1250BMOM2HF	Tight 12 X 50/125 OM2 500/500 Breakout
FO262BMOM2HF	Tight 2 X 62,5/125 OM2 500/500 Breakout
FO462BMOM2HF	Tight 4 X 62,5/125 OM2 500/500 Breakout
FO662BMOM2HF	Tight 6 X 62,5/125 OM2 500/500 Breakout
FO862BMOM2HF	Tight 8 X 62,5/125 OM2 500/500 Breakout
FO1262BMOM2HF	Tight 12 X 62,5/125 OM2 500/500 Breakout



OM2 XL

Mod.	Description
FO250BMOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Breakout
FO450BMOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Breakout
FO650BMOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Breakout
FO850BMOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Breakout
FO1250BMOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Breakout

OM3

Mod.	Description
FO250BMOM3HF	Tight 2 X 50/125 OM3 1500/500 Breakout
FO450BMOM3HF	Tight 4 X 50/125 OM3 1500/500 Breakout
FO650BMOM3HF	Tight 6 X 50/125 OM3 1500/500 Breakout
FO850BMOM3HF	Tight 8 X 50/125 OM3 1500/500 Breakout
FO1250BMOM3HF	Tight 12 X 50/125 OM3 1500/500 Breakout

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210BMHF	Tight 2 X 9,3/125 Monomodo Breakout
FO410BMHF	Tight 4 X 9,3/125 Monomodo Breakout
FO610BMHF	Tight 6 X 9,3/125 Monomodo Breakout
FO810BMHF	Tight 8 X 9,3/125 Monomodo Breakout
FO1210BMHF	Tight 12 X 9,3/125 Monomodo Breakout

F.O Tight Buffer

F.O Cable B - Tight Buffer Cable (Gel Free)

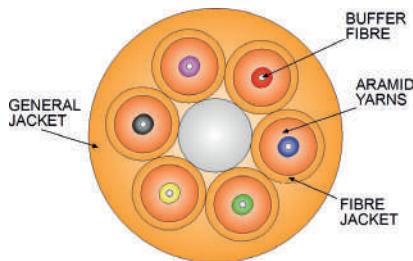
APPLICATION

Advantages: Very strong and resistant construction. Based on DIN VDE 0888/6. It can be terminated directly. Flexible and resilient. Excellent mechanical resistance. Very easy to strip (gel free). Completely dielectric. Very strong, flexible and easy to install.

MULTIMODO (MM)

OM2

Mod.	Description
FO250BOM2HF	Tight 2 X 50/125 OM2 500/500 Breakout
FO450BOM2HF	Tight 4 X 50/125 OM2 500/500 Breakout Black
FO450BOM2HF/BLUE	Tight 4 X 50/125 OM2 500/500 Breakout Blue
FO650BOM2HF	Tight 6 X 50/125 OM2 500/500 Breakout
FO850BOM2HF	Tight 8 X 50/125 OM2 500/500 Breakout
FO1250BOM2HF	Tight 12 X 50/125 OM2 500/500 Breakout
FO262BOM2HF	Tight 2 X 62,5/125 OM2 500/500 Breakout
FO462BOM2HF	Tight 4 X 62,5/125 OM2 500/500 Breakout
FO662BOM2HF	Tight 6 X 62,5/125 OM2 500/500 Breakout
FO862BOM2HF	Tight 8 X 62,5/125 OM2 500/500 Breakout
FO1262BOM2HF	Tight 12 X 62,5/125 OM2 500/500 Breakout



OM2 XL

Mod.	Description
FO250BOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Breakout
FO450BOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Breakout
FO650BOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Breakout
FO850BOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Breakout
FO1250BOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Breakout

OM3

Mod.	Description
FO150BOM3HF	Tight 1 X 50/125 OM3 1500/500 Breakout
FO250BOM3HF	Tight 2 X 50/125 OM3 1500/500 Breakout
FO450BOM3HF	Tight 4 X 50/125 OM3 1500/500 Breakout
FO650BOM3HF	Tight 6 X 50/125 OM3 1500/500 Breakout
FO850BOM3HF	Tight 8 X 50/125 OM3 1500/500 Breakout
FO1250BOM3HF	Tight 12 X 50/125 OM3 1500/500 Breakout

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO110BHF	Tight 1 X 10/125 Monomodo Breakout
FO210BHF	Tight 2 X 9,3/125 Monomodo Breakout
FO410BHF	Tight 4 X 9,3/125 Monomodo Breakout
FO610BHF	Tight 6 X 9,3/125 Monomodo Breakout
FO810BHF	Tight 8 X 9,3/125 Monomodo Breakout
FO810BHF/AW	Tight 8 X 9,3/125 Monomodo Breakout
FO1210BHF	Tight 12 X 9,3/125 Monomodo Breakout
FO1610BHF	Tight 16 X 9,3/125 Monomodo Breakout

F.O Tight Buffer

F.O Cable DM - Tight Buffer Cable (Gel Free)

APPLICATION

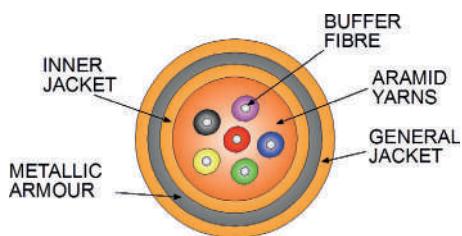
Strong cable for indoor - outdoor installations with anti-rat protection. Advantages: Very robust construction. Direct connection. Excellent mechanical resistance. Very easy to strip (gel free). Flame retardant, low emission of smoke and halogen free(LSZH).

MULTIMODO (MM)

OM2

Mod.	Description
FO250DMOM2HF	Tight 2 X 50/125 OM2 500/500 Distribution
FO450DMOM2HF	Tight 4 X 50/125 OM2 500/500 Distribution
FO650DMOM2HF	Tight 6 X 50/125 OM2 500/500 Distribution
FO850DMOM2HF	Tight 8 X 50/125 OM2 500/500 Distribution
FO1250DMOM2HF	Tight 12 X 50/125 OM2 500/500 Distribution
FO262DMOM2HF	Tight 2 X 62,5/125 OM2 500/500 Distribution
FO462DMOM2HF	Tight 4 X 62,5/125 OM2 500/500 Distribution
FO662DMOM2HF	Tight 6 X 62,5/125 OM2 500/500 Distribution
FO862DMOM2HF	Tight 8 X 62,5/125 OM2 500/500 Distribution
FO1262DMOM2HF	Tight / 12 X 62,5/125 OM2 500/500 Distribution

OM2 XL



Mod.	Description
FO250DMOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Distribution
FO450DMOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Distribution
FO650DMOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Distribution
FO850DMOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Distribution
FO1250DMOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Distribution

OM3

Mod.	Description
FO250DMOM3HF	Tight 2 X 50/125 OM3 1500/500 Distribution
FO450DMOM3HF	Tight 4 X 50/125 OM3 1500/500 Distribution
FO650DMOM3HF	Tight 6 X 50/125 OM3 1500/500 Distribution
FO850DMOM3HF	Tight 8 X 50/125 OM3 1500/500 Distribution
FO1250DMOM3HF	Tight 12 X 50/125 OM3 1500/500 Distribution

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210DMHF	Tight 2 X 9,3/125 Monomodo Distribution
FO410DMHF	Tight 4 X 9,3/125 Monomodo Distribution
FO610DMHF	Tight 6 X 9,3/125 Monomodo Distribution
FO810DMHF	Tight 8 X 9,3/125 Monomodo Distribution
FO1210DMHF	Tight 12 X 9,3/125 Monomodo Distribution

F.O Tight Buffer

F.O Cable D - Tight Buffer Cable (Gel Free)

APPLICATION

Advantages: Compact and light. Can be directly terminated. Compatible with duplex connectors. Flexible and resistance. Excellent mechanical resistance. Very easy to strip (gel free). Compact and light to use for indoor-outdoor data and signals transmission. Completely dielectric. Based on DIN VDE 0888/6.

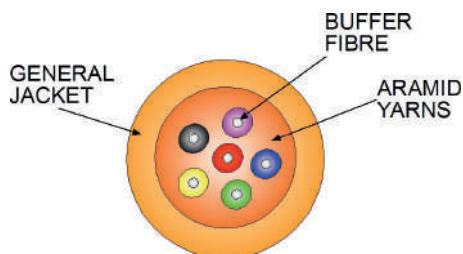
MULTIMODO (MM)

OM2

Mod.	Description
FO250DOM2HF	Tight 2 X 50/125 OM2 500/500 Distribution
FO450DOM2HF	Tight 4 X 50/125 OM2 500/500 Distribution
FO450DOM2PUR	Tight 4 X 50/125 OM2 500/500 Distribution
FO650DOM2HF	Tight 6 X 50/125 OM2 500/500 Distribution
FO850DOM2HF	Tight 8 X 50/125 OM2 500/500 Distribution
FO1250DOM2HF	Tight 12 X 50/125 OM2 500/500 Distribution
FO462DOM2HF	Tight 4 X 62,5/125 OM2 500/500 Distribution
FO662DOM2HF	Tight 6 X 62,5/125 OM2 500/500 Distribution
FO862DOM2HF	Tight 8 X 62,5/125 OM2 500/500 Distribution
FO1262DOM2HF	Tight 12 X 62,5/125 OM2 500/500 Distribution

OM2 XL

Mod.	Description
FO250DOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Distribution
FO450DOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Distribution
FO650DOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Distribution
FO850DOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Distribution
FO1250DOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Distribution



OM3

Mod.	Description
FO250DOM3HF	Tight 2 X 50/125 OM3 1500/500 Distribution
FO250DOM3PUR	Tight 2 X 50/125 OM3 1500/500 Distribution
FO450DOM3HF	Tight 4 X 50/125 OM3 1500/500 Distribution
FO450DOM3PUR	Tight 4 X 50/125 OM3 1500/500 Distribution
FO650DOM3HF	Tight 6 X 50/125 OM3 1500/500 Distribution
FO850DOM3HF	Tight 8 X 50/125 OM3 1500/500 Distribution
FO1250DOM3HF	Tight 12 X 50/125 OM3 1500/500 Distribution
FO1250DOM3PUR	Tight 12 X 50/125 OM3 1500/500 Distribution

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210DHF	Tight 2 X 9,3/125 Monomodo Distribution
FO210DPUR	Tight 2 X 9,3/125 Monomodo Distribution
FO410DHF	Tight 4 X 9,3/125 Monomodo Distribution
FO610DHF	Tight 6 X 9,3/125 Monomodo Distribution
FO810DHF	Tight 8 X 9,3/125 Monomodo Distribution
FO1210DHF	Tight 12 X 9,3/125 Monomodo Distribution

G657 A1

Mod.	Description
FO410DPUR	Tight 4 X 9,3/125 Monomodo Distribution
FO1210DPUR	Tight 12 X 9,3/125 Monomodo Distribution
FO1210D657AHF	Tight 12 X 9,3/125 Monomodo Distribution

F.O Tight Buffer

F.O Cable F - Tight Buffer Cable (Gel Free)

APPLICATION

Used to make pigtails and patchcords as well as to interconnect terminal equipments. Advantages; Can be directly terminated. Flexible and resilient. Excellent mechanical resistance. Very easy to strip.

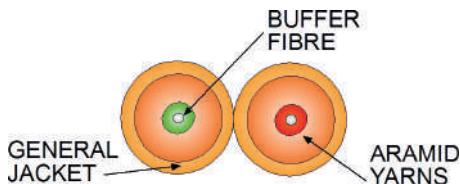
MULTIMODO (MM)

OM2

Mod.	Description
FO262FOM2HF	Tight 2 X 62,5/125 OM2 500/500
FO250FOM2HF	Tight 2 X 50/125 OM2 500/500

OM2 XL

Mod.	Description
FO250FOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200



OM3

Mod.	Description
FO250FOM3HF	Tight 2 X 50/125 OM3 1500/500

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210FHF	Tight 2 X 9,3/125 Monomodo

F.O Tight Buffer

F.O Cable DD - Tight Cable

APPLICATION

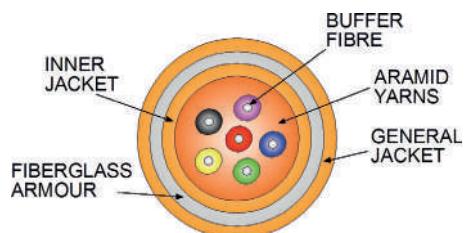
Strong cable for indoor - outdoor installations with anti-rat protection. Advantages: Very robust construction. Direct connection. Excellent mechanical resistance. Very easy to strip (gel free). Completely dielectric.

MULTIMODO (MM)

OM2

Mod.	Description
FO250DDOM2HF	Tight 2 X 50/125 OM2 500/500 Distribution
FO250DDOM2PUR	Tight 2 X 50/125 OM2 500/500 Distribution
FO450DDOM2HF	Tight 4 X 50/125 OM2 500/500 Distribution
FO650DDOM2HF	Tight 6 X 50/125 OM2 500/500 Distribution
FO850DDOM2HF	Tight 8 X 50/125 OM2 500/500 Distribution
FO1250DDOM2HF	Tight 12 X 50/125 OM2 500/500 Distribution
FO262DDOM2HF	Tight 2 X 62,5/125 OM2 500/500 Distribution
FO462DDOM2HF	Tight 4 X 62,5/125 OM2 500/500 Distribution
FO662DDOM2HF	Tight 6 X 62,5/125 OM2 500/500 Distribution
FO862DDOM2HF	Tight 8 X 62,5/125 OM2 500/500 Distribution
FO1262DDOM2HF	Tight 12 X 62,5/125 OM2 500/500 Distribution

OM2 XL



Mod.	Description
FO250DDOM2XLHF	Tight 2 X 50/125 OM2 XL 600/1200 Distribution
FO450DDOM2XLHF	Tight 4 X 50/125 OM2 XL 600/1200 Distribution
FO650DDOM2XLHF	Tight 6 X 50/125 OM2 XL 600/1200 Distribution
FO850DDOM2XLHF	Tight 8 X 50/125 OM2 XL 600/1200 Distribution
FO1250DDOM2XLHF	Tight 12 X 50/125 OM2 XL 600/1200 Distribution

OM3

Mod.	Description
FO250DDOM3HF	Tight 2 X 50/125 OM3 1500/500 Distribution
FO250DDOM3PUR	Tight 2 X 50/125 OM3 1500/500 Distribution
FO450DDOM3HF	Tight 4 X 50/125 OM3 1500/500 Distribution
FO450DDOM3PUR	Tight 4 X 50/125 OM3 1500/500 Distribution
FO650DDOM3HF	Tight 6 X 50/125 OM3 1500/500 Distribution
FO850DDOM3HF	Tight 8 X 50/125 OM3 1500/500 Distribution
FO1250DDOM3HF	Tight 12 X 50/125 OM3 1500/500 Distribution

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210DDHF	Tight 2 X 9,3/125 Monomodo Distribution
FO210DDPUR	Tight 2 X 9,3/125 Monomodo Distribution
FO410DDHF	Tight 4 X 9,3/125 Monomodo Distribution
FO410DDPUR	Tight 4 X 9,3/125 Monomodo Distribution
FO610DDHF	Tight 6 X 9,3/125 Monomodo Distribution
FO810DDHF	Tight 8 X 9,3/125 Monomodo Distribution
FO1210DDHF	Tight 12 X 9,3/125 Monomodo Distribution

Loose

F.O DHD Cable - Loose Buffer Cable

APPLICATION

Cable designed for high density indoor installations terminated in patch-box. Very reduced overall diameter with capacitance of up to 24 loose fibres. Totally dielectric. Armoured with fiberglass reinforcements. Anti-humidity jelly filled central tube.

MULTIMODO (MM)

OM2

Mod.	Description
FO250DHDOM2HF	Loose 2 X 50/125 OM2 500/500 Distribution
FO450DHDOM2HF	Loose 4 X 50/125 OM2 500/500 Distribution
FO650DHDOM2HF	Loose 6 X 50/125 OM2 500/500 Distribution
FO850DHDOM2HF	Loose 8 X 50/125 OM2 500/500 Distribution
FO1250DHDOM2HF	Loose 12 X 50/125 OM2 500/500 Distribution
FO262DHDOM2HF	Loose 2 X 62,5/125 OM2 500/500 Distribution
FO462DHDOM2HF	Loose 4 X 62,5/125 OM2 500/500 Distribution
FO662DHDOM2HF	Loose 6 X 62,5/125 OM2 500/500 Distribution
FO862DHDOM2HF	Loose 8 X 62,5/125 OM2 500/500 Distribution
FO1262DHDOM2HF	Loose 12 X 62,5/125 OM2 500/500 Distribution

OM2 XL

Mod.	Description
FO250DHDOM2XLHF	Loose 2 X 50/125 OM2 XL 600/1200 Distribution
FO450DHDOM2XLHF	Loose 4 X 50/125 OM2 XL 600/1200 Distribution
FO650DHDOM2XLHF	Loose 6 X 50/125 OM2 XL 600/1200 Distribution
FO850DHDOM2XLHF	Loose 8 X 50/125 OM2 XL 600/1200 Distribution
FO1250DHDOM2XLHF	Loose 12 X 50/125 OM2 XL 600/1200 Distribution

OM3

Mod.	Description
FO250DHDOM3HF	Loose 2 X 50/125 OM3 1500/500 Distribution
FO450DHDOM3HF	Loose 4 X 50/125 OM3 1500/500 Distribution
FO650DHDOM3HF	Loose 6 X 50/125 OM3 1500/500 Distribution
FO850DHDOM3HF	Loose 8 X 50/125 OM3 1500/500 Distribution
FO1250DHDOM3HF	Loose 12 X 50/125 OM3 1500/500 Distribution

OM4

Mod.	Description
FO1250DHDOM4HF	Loose 12 X 50/125 OM4 3500/500 Distribution
FO2450DHDOM4HF	Loose 24 X 50/125 OM4 3500/500 Distribution

MONOMODO (SM)

G.652 C & D

Mod.	Description
FO210DHDHF	Loose 2 X 9,3/125 Monomodo Distribution
FO410DHDHF	Loose 4 X 9,3/125 Monomodo Distribution
FO610DHDHF	Loose 6 X 9,3/125 Monomodo Distribution
FO810DHDHF	Loose 8 X 9,3/125 Monomodo Distribution
FO1210DHDHF	Loose 12 X 9,3/125 Monomodo Distribution
FO2410DHDHF	Loose 24 X 9,3/125 Monomodo Distribution

TECHNICAL INFORMATION

Summary of coaxial cable under TELEVISION BROADCAST STANDARDS (TBS)

CABLE TYPE										
	VK 1 VK 2	VK 5 VK 50	VK 6 VK 60 VK 680	VK 770F	VK 7	VK 8	VK 9	VK 70 VK 780	VK 80 VK 880	VK 90
Maximum transmission distance with minimum losses for TBS (MAX -3 dB) :										
NATIONAL TELEVISION SYSTEM COMMITTEE (NTSC)										
NTSC M (BW 4,2 Mhz)	72	129	164	243	234	339	357	269	505	565
PHASE ALTERNATING LINE (PAL)										
PAL B,G,H (BW 5,0 Mhz)	66	110	157	223	201	326	329	247	463	518
PAL I (BW 5,5 Mhz)	62	104	150	212	190	302	305	235	442	493
PAL D (BW 6,0 Mhz)	59	106	134	203	158	265	291	225	423	472
PAL N (BW 4,2 Mhz)	72	129	164	243	234	339	357	269	505	565
PAL M (BW 4,2 Mhz)	72	129	164	243	234	339	357	269	505	565
SEQUENTIAL COLOUR with MEMORY (SECAM)										
SECAM B,G,H (BW 5,0 Mhz)	66	110	157	223	201	326	329	247	463	518
SECAM D,K,K1,L (BW 6,0 Mhz)	59	106	134	203	158	265	291	225	423	472
MESECAM (BW 5,0 Mhz)	66	110	157	203	201	326	329	247	463	518

Resolution standards vs. Length cable

RESOLUTION STANDARDS	VGA	SVGA	XGA	SXGA	UXGA
Horizontal Active Pixels	640	800	1024	1280	1600
Vertical Active Lines	480	600	768	1024	1200
Aspect Ratio	1,33	1,33	1,33	1,33	1,33
Total Vertical Scan Lines	504	625	806	1067	1242
Frame Rate (Hz)	76	76	76	76	76
Ratio of Total to Active Horizontal Pixels	1,25	1,32	1,3	1,34	1,35
Ratio of Total to Active Vertical Pixels	1,05	1,04	1,05	1,04	1,04
Scan Method	Progressive	Progressive	Progressive	Progressive	Progressive
MAXIMUM TRANSMISSION DISTANCE IN METERS					
(mx. Atenuación -3dB or 70,79 %)					
VK 1/VK 2	54	41	32	24	20
VK 5/VK 50 silver+	92	72	56	42	35
VK 6/VK 60 silver+/VK 680 silver+	122	95	75,	55	47
VK 7	156	121	95	70	60
VK 70 silver+/VK780 silver+	166	130	102	75	64
VK 8	218	170	133	99	84
VK 80 silver+/VK880 silver+	231	180	141	104	89
VK 9	245	191	150	111	95
VK 770F	152	119	93	52	44
VK 90 silver+	354	276	217	125	106

Summary of digital audio transmission

SUMMARY OF DIGITAL AUDIO TRANSMISSION UNDER COAXIAL CABLES (SMPTE 276 M)											
Standards	Cable name	ATTENUATION at (Db/100m) MAXIMUM TRANSMISSION DISTANCE (meters) AT SERIAL DIGITAL AUDIO DATA RATES (SMPTE 276M):				Cable Type					
		FRILS: UNE 50266-2-X IEC 60332-2-2X CEI 200-22/3-X ; FRLSHF : UNE 50266-2-X IEC 60332-2-2X CEI 200-22/3-X UNE 50267-2 UNE 50268-2 ; PTC: UNE 21-031	VK 1 VK 2	VK 5 VK 50 silver + VK 680 silver +	VK 6 VK 60 silver + VK 680 silver +	VK 770F	VK 7 VK 780silver + VK 880silver +	VK 70 silver + VK 780silver + VK 880silver +	VK 9 VK 90 silver +	VK 9	VK 90 silver +
DSR (Sampling Rate 32 KHz/ BW 4,096 MHz)	4,307 / 464	2,296 / 871	1,849 / 1081	1,216/1644	1,330 /1503	1,105/1809	0,585/3415	0,860 / 2481	0,524 / 3815		
CD/DVD (Sampling Rate 44,1 Khz/BW 5,6448 MHz)	5,116 / 391	2,698 / 741	2,159 / 926	1,427/1401	1,579 /1266	1,297/1541	0,687/2909	1,0121 /1958	0,615 / 3250		
DAT (Sampling Rate 48 KHz/ BW 6,144 MHz)	5,382 / 372	2,852 / 701	2,286 / 874	1,489/1343	1,696 /1179	1,353/1477	0,717/2788	1,134 / 1763	0,641 / 3115		
DVD (Sampling Rate 96 KHz/ BW 12,228MHz)	7,634 / 262	4,089 / 489	3,264 / 612	2,101/952	2,516 / 795	1,909/1047	1,011/1976	1,634 / 1223	0,905 / 2208		
DVD (Sampling Rate 192Khz/ BW 24,576MHz)	10,376 / 193	5,621 / 356	4,475 / 446	2,978/671	3,450 / 580	2,707/739	1,434/1394	2,250 / 889	1,28 / 1557		
SUMMARY OF DIGITAL AUDIO TRANSMISSION UNDER BALANCED PAIRS CABLES (AES3-1992)											
Cable Name	AK 2111AL	AK 2111	Cable Type								
DSR (Sampling Rate 32 KHz/ BW 4,096 MHz)	5,110 / 392	7,116 / 281	AK 2111 PATCH FLEX				AK 2034				
CD/DVD (Sampling Rate 44,1 Khz/BW 5,6448 MHz)	5,548 / 360	8,601 / 231	AK 2111 PATCH FLEX				AK 7001 AL FRLS (NPI)				
DAT (Sampling Rate 48 KHz/ BW 6,144 MHz)	5,939 / 334	9,875 / 207	AK 2111 PATCH FLEX				5,723 / 289				
DVD (Sampling Rate 96 KHz/ BW 12,228MHz)	7,481 / 296	15,492 / 131	AK 2111 PATCH FLEX				3,764 / 533				
DVD (Sampling Rate 192Khz/ BW 24,576MHz)	10,108 / 200	23,531 / 89	AK 2111 PATCH FLEX				3,941 / 510				
			AK 2111 PATCH FLEX				7,560 / 267				
			AK 2111 PATCH FLEX				4,264 / 472				
			AK 2111 PATCH FLEX				5,250 / 380				
			AK 2111 PATCH FLEX				10,379 / 192				
			AK 2111 PATCH FLEX				13,849 / 146				
			AK 2111 PATCH FLEX				13,849 / 146				

Max. Distance in meters of digital video cable (143 mbps to 540 mbps)

		71,5 Mhz/ 143 Mbps (SMPTE 259M, Composite NTSC)	88,5 Mhz/ 177 Mbps (ITU-R BT. 601, Composite PAL)	135 Mhz/ 270 Mbps (SMPTE 259M, Component video)	180 Mhz/ 360 MBPS (SMPTE 259M, widescreen)	270 Mhz/ 540 Mbps (SMPTE 344M, widescreen)
Rigid Cable Type	VK 2	200	181	150	129	104
	VK 5	335	306	252	220	179
	VK 50 Silver+	375	337	278	243	228
	VK 6	438	400	330	288	235
	VK 60 Silver+	467	420	348	305	249
	VK 7	553	505	411	360	294
	VK 70 Silver+	634	565	456	393	318
	VK 8	772	703	569	495	399
	VK 80 Silver+	914	808	636	544	436
	VK 9	844	764	626	543	441
	VK 90 Silver+	105	890	700	598	479
Flexible Cable Type	VK 66	332	295	232	197	155
	VK 680 Silver +	467	420	348	305	249
	VK 77	427	385	306	264	214
	VK 770F ENH+	443	398	322	279	228
	VK 780 Silver+	634	565	456	393	318
	VK 880 Silver +	914	808	636	544	436

Max. Distance in meters of digital video cable (156 mbps to 8K)

		8K		4K			2K	HD
							(TEK WFM 8300)	
		12 Ghz/24.0 Gbps (SMPTE ST2081, UHD-2)		3 Ghz/6.0 Gbps (SMPTE ST2081, QFHD)		6 Ghz/12.0 Gbps (SMPTE ST2082, UHD-1)		1,5 Ghz/ 3.0 Gbps (SMPTE 424M, 3G-SDI/ 1080p)
		Single Link (24G-SDI)	Dual Link (2x12G-SDI)	Quad Link (4x6G-SDI)	Single Link (6G-SDI)	Dual Link (2x3G-SDI)	Single Link (12G-SDI)	Dual Link (2x6G-SDI)
Rigid Cable Type	VK 2	17	25	35	35	45 (**)	25	35
	VK 5	33	46	67	67	90 (**)	46	67
	VK 50 Silver+	35	30 (*)	54(*)	54 (*)	98 (**)	30 (*)	54 (*)
	VK 6	43	61	97	97	120 (**)	61	97
	VK 60 Silver+	45	40(*)	70 (*)	70(*)	125 (**)	40(*)	70(*)
	VK 7	47	66	111	111	150 (**)	66	111
	VK 70 Silver+	59	50(*)	87(*)	87(*)	172 (**)	50(*)	87(*)
	VK 80 Silver+	76	70(*)	110(*)	110(*)	230 (**)	70(*)	110(*)
	VK 9	77	108	153	153	230 (**)	108	153
	VK 90 Silver+	84	120	170	170	253 (**)	120	170
	VK 66	30	42	60	60	90 (**)	42	60
Flexible Cable Type	VK 680 Silver+	45	40(*)	70 (*)	70(*)	125 (**)	40(*)	70(*)
	VK 77	36	49	78	78	120 (**)	49	78
	VK 770 ENH+	40	55	82	82	128 (**)	55	82
	VK 780 Silver+	59	50(*)	87(*)	87(*)	172 (**)	50(*)	87(*)
	VK 880 Silver+	76	70(*)	110(*)	110(*)	230 (**)	70(*)	110(*)
	VK 90 Silver+	84	120	170	170	253 (**)	120	170

* real test (SmartView4K) ** real test WFM8300 TK

Maximum lenght in meters under 4 and 8 Ohms speaker system

CROSS-SECTION	4 ohms cable			8 ohms cable		
	POWER LOSS (%)					
5%	10%	25%	5%	10%	25%	
0,22	2,69	5,68	17,03	5,38	11,36	34,07
0,5	6,11	12,90	38,71	12,23	25,81	77,43
0,75	9,17	19,36	58,07	18,34	38,71	116,14
1	12,23	25,81	77,43	24,45	51,62	154,86
1,5	18,34	38,71	116,14	36,68	77,43	232,29
2	24,45	51,62	154,86	48,90	103,24	309,72
2,5	30,56	64,52	193,57	61,13	129,05	387,15
4	48,90	103,24	309,72	97,81	206,48	619,43
6	73,35	154,86	464,58	146,71	309,72	929,15
8	97,81	206,48	619,43	195,61	412,96	1238,87
10	122,26	258,10	774,29	244,51	516,20	1548,59
12	146,71	309,72	929,15	293,42	619,43	1858,30
16	195,61	412,96	1238,87	391,22	825,91	2477,74

Maximum length in meters for 100V loudspeakers' line (AL Series)

section mm ²	100 W	200 W	400 W	500 W	800 W	1000 W	2000W
0,22	70,4	35,2	17,6	14,08	8,8	7,04	3,52
0,5	160	80	40	32	20	16	8
0,75	240	120	60	48	30	24	12
1	320	160	80	64	40	32	16
2	640	320	160	128	80	64	32
4	1280	640	320	256	160	128	64
6	1920	960	480	384	240	192	96
10	3200	1600	800	640	400	320	160
12	3840	1920	960	768	480	384	192
16	5120	2560	1280	1024	640	512	256
20	6400	3200	1600	1280	800	640	320
24	7680	3840	1920	1536	960	768	384
30	9600	4800	2400	1920	1200	960	480
40	12800	6400	3200	2560	1600	1280	640

Data cable CAT 5, 6, 7



CODE	CABLE	PERCON	PLATINUM + COVER	PLATINUM	TOOLS	
NEO-CAT5009	0494	CBL.CAT.5e U/UTP PTC	GREY (AWG24/1)	4002-I	PLT-105R	PLT-105003
NEO-CAT5011	0496	CBL.CAT.5e F/UTP PTC	GREY (AWG24/1)	4014-I	PLT-107F	PLT-105020
NEO-CAT5011HF	0496HF	CBL.CAT.5e F/UTP HF	GREY (AWG24/1)	4017-I/23	PLT-107RGR	PLT-106190
NEO-CAT5011HFFI	0496HFFI	CBL.CAT.5e F/UTP PTC	GREY (AWG24/1)	4017-I/23	PLT-107RGR	PLT-12516C
NEO-CAT5011PE	0496PE	CBL.CAT.5e F/UTP PE	BLACK (AWG24/1)	4014-I	PLT-107F	PLT-105020
NEO-CAT5011PUR/HS	0496PUR/HS	CBL.CAT.5e SF/UTP PUR	BLACK (AWG24/1)	4014-I	PLT-107F	PLT-105020
NEO-CAT5011HF/HS	0496HF/HS	CBL.CAT.5e SF/UTP HF	GREY (AWG24/1)	4014-I	PLT-107F	PLT-105020
NEO-CAT5010	0495	CBL.CAT.5e U/UTP FLEX. PTC	GREY (AWG26/7)	4002-I	PLT-105R	PLT-105003
NEO-CAT5012HF/GR	0497HF	CBL.CAT.5e F/UTP FLEX. HF	GREY (AWG26/7)	4014-I	PLT-107F	PLT-105020
NEO-CAT6002PE	0493PE	CBL.CAT.6 U/UTP PE	BLACK (AWG23/1)	4019-I	PLT-106R	PLT-105004
NEO-CAT6002HF	0493HF	CBL.CAT.6 U/UTP HF	BLUE (AWG23/1)	4019-I	PLT-106R	PLT-105004
NEO-CAT6004	0499	CBL.CAT.6 U/FTP PTC	BLUE (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RA	PLT-106190
NEO-CAT6004HF/B	0499HF	CBL.CAT.6 U/FTP PTC	BLUE (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RA	PLT-106190
NEO-CAT6006HF	0490HF	CBL.CAT.6A U/FTP HF	BLUE (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RA	PLT-106190
NEO-CAT6005HF	0499RGHF	CBL.CAT.6 S/FTP HF	GREY (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RGR	PLT-106190
NEO-CAT6003	0493FLEX	CBL.CAT.6 U/UTP FLEX. PTC	GREY (AWG26/7)	4019-I	PLT-106R	PLT-105004
NEO-CAT6007HF/Y	0499FLEXHF	CBL.CAT.6 U/FTP FLEX. HF	YELLOW (AWG27/7)	4017-I	PLT-107F	PLT-105020
NEO-CAT6007PUR	0499FLEXPUR	CBL.CAT.6 U/FTP FLEX. PUR	BLACK (AWG27/7)	4023-I, 4023-IG	PLT-108SFN	PLT-100062C
NEO-CAT6008	0499SUPERFLEX	CBL.CAT.6 F/FTP SUPERFLEX PTC/NBR	BLACK (AWG27/7)	4023-I, 4023-IG	PLT-105020	PLT-105020
NEO-CAT6010HF	-	CBL.CAT.6A U/UTP HF	BLUE (AWG23/1)	-	PLT-202048	PLT-100061C
NEO-CAT7000HF	0498HF	CBL.CAT.7 S/FTP HF	ORANGE (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RNA	PLT-106190
NEO-CAT7001HF	0500HF	CBL.CAT.7A S/FTP HF	YELLOW (AWG23/1)	4044-I, 4045-I, 4017-I/23	PLT-107RAM	PLT-12516C
NEO-CAT7000FLEXHF	0498FLEXHF	CBL.CAT.7 S/FTP FLEX. HF	GREY (AWG27/7)	4017-I	PLT-107F	PLT-105020
NEO-CATRGB	0477HF	CBL.LAN.S/FTP AV PREMIUM (RGBHV LOW-SKEW) HF	YELLOW (AWG23/7)	4045-I / 4017-I/23, 4044-I	PLT-107RAM	PLT-106190
NEO-SMART6011/FCA	-	CBL.CAT.6A S/FTP SUPERFLEX PRY/NBR	BLACK (AWG23/7)	4045-I	-	-

Correct crimp

Nest (mm)	BNC	CABLE
3,25	Others not manufactured by Percon	FLEX 2
3,3	5018-HDTV, 5032-V, 5032-HDTV	VK1, VK2(0,41/1,85), VK11, VK12, RG179, VR3FLEX, VK200, VK 300, VK420, VK520, VK540, VK620, VK2224
3,8	Others not manufactured by Percon	ST 212
4,12	5018-V	VK2 (0,4/1,85), VK540
4,52	Others not manufactured by Percon	FLEX3
5	5017-V, 5017-HDTV, 5280-HD, 5017-UHD/8K	VK5(0,6/2,8), VK 4 (0,6/2,6), VK 3065, VK4065, VK5065, VK6065, VK10065, VK8065, IMAGE 360, 1855A, L-2, 5CLVS, L-2, 5CF, VK50 SILVER+
5,41	5007-V, 5078-V, 5115-V, 5017-HDTV/MBAP, 5300-HD	RG58, FLEX5, VK5, VK 50 Silver+
6,48	55008-V, 5031-V, 5031-HDTV, 5032-V, 5141-V, 5182-V, 5173-V, 5182-HDTV, 5301-HD, 5302-HD, 5281-HD, 5031-HDTV/MBAP, 5031-UHD/8K, 5182-UHD/8K	VK1, VK6 (0,8/3,7), VK95 (0,6/3,7), RG59, VK5378, VK8376, VK 39 1/3 (BBC PSF 1/3), VK520, VK66, VK63, 3C-2V, 8241, 1505A, KX6A, IMAGE720, TELASS80, L3CFB, L4CFB, VK 60 SILVER+, VK 680 SILVER+
6,8	Others not manufactured by Percon	ST 214
7	5035-HDTV/MBAP, 5303-HD, 5282-HD	VK7 (1,0/4,8)
7,7	5035-V, 5035-HDTV, 5170-HDTV/Silver+, 5170-UH-D/8K	VK7 (1,0/4,8), RG6, VK5471, VK10471, VK 70 SILVER+
8,23	5142-V, 5183-V, 5183-HDTV	VK 49 1/2 (BBC PSF 1/2), VK 77, VK 770F ENH+, VK 780 SILVER+
9,14	5022-V, 5177-V, 5177-HDTV/SILVER+, 5177-UHD/8K	VK8 (1,4/6,6), RG11(1,0/6,6), VK80 SILVER+
10,9	5140-HDTV, 5140-V, VK5038-V, 5110-V, 5148-V, 5140-UHD/8K	VK90 SILVER+, VK9 (1,6/7,4), RG213, RG214, RG11 A/U, VK880 SILVER+, VK90 SILVER+

UHD-1/4K actual results

	4K/UHD-1											
	3 GHz/6.0 Gbps (SMPTE ST2081, QFHD) 2560x1440p, 3840x 2160i						6 GHz/12.0 Gbps (SMPTE ST2082, UHD-1) 3840x2160p @50/60Hz					
	Texas Instruments LMH1218	Texas Instruments LMH1219	Black Magic SmartView 4K	Macom Gen2	Semtech GS12281 + GS12241	Semtech GS12141	Texas Instruments LMH1218	Texas Instruments LMH1219	Black Magic SmartView 4K	Macom MAEQ-236XX (44-54-64) + MACD-23528	Semtech GS12281 + GS12241	Semtech GS12141
Atenuación máxima (dB)	27	42,23	26,168	58	45,23	39,48	27	42,23	26,168	58	45,23	39,48
Longitud máxima (meters)												
VK 50 Silver+	47	74	54	101	79	69	32	51	30	66	55	48
VK 60 Silver+	69	107	70	147	114	100	43	67	40	90	75	63
VK 70 Silver+	80	124	87	170	133	116	56	88	50	113	94	82
VK 80 Silver+	102	162	100	220	171	150	72	113	70	151	125	106
VK 90 Silver+	114	178	110	280	191	167	81	126	78	173	135	118
VK 680 Silver+	69	107	70	147	114	100	43	67	40	90	75	63
VK 780 Silver+	80	124	87	170	133	116	56	88	50	120	94	82
VK 880 Silver+	102	162	100	220	172	150	72	113	70	155	122	106

Summary connectors

.percon.

BNC UHD-1/UHD-2	BNC UHD-1/3G-SDI	BNC HD 4K Alta densidad	DIN 1.0/2.3 4K	BNC MOBILE	BNC AEM	BNC AEH	BNC AE M PLATINUM (compresión)	F AE M PLATINUM (compresión)	F TYPE AE M	N TYPE AE M	N TYPE AEH	F AE M (compresión)	TNC AEM
VK 20 4/1.85		5032-HDTV					5042-V						
VK 5 0.6/2.6	5017-UHD/8K	5017-HDTV	5280-HD	5300-HD	5017-HDTV/ MBAP	5017-V	5115-V			5078-V			
VK 50 Silver+	5017-UHD/8K	5017-HDTV	5280-HD	5300-HD		5017-V	5115-V						
VK 6 0.8/3.7	5031-UHD/8K	5031-HDTV	5281-HD	5301-HD	5031-HDTV/ MBAP	5031-V	5173-V	PLT- 18030 PLT- 18041	PLT- 18015 PLT- 18011			5247-V	
VK 60 Silver+	5031-UHD/8K	5031-HDTV	5281-HD	5301-HD		5031-V	5173-V						
VK 680 Silver+	5182-UHD/8K	5182-HDTV			5302-HD								
VK 7			5170-HDTV// Silver+	5282-HD	5303-HD	5035-HDTV/ MBAP	5035-V	5020-V	PLT- 18025 PLT- 18038	PLT- 18009 PLT- 18006	5020-V	5248-V	5135-V
VK 70 Silver+		5170-UHD/8K Silver+											
VK 75 Silver+	5200-UHD2/18G												
VK 780 Silver+			5183-HDTV										
VK 80 Silver+	5177-UHD/8K	5177-HDTV// Silver+						5209-V					
VK 880 Silver+	5210-UHD/8K												
VK 9 1.6/7.1		5140-HDTV					5036-V					5081-V	
VK 90 Silver+	5140-UHD/8K												
VK 66		5182-HDTV		5302-HD									
VK 770 ENH+		5183-HDTV											
RG 6 CATV		5035-HDTV	5282-HD	5303-HD	5035-HDTV/ MBAP	5035-V		PLT- 18025 PLT- 18038	PLT- 18009 PLT- 18006	5020-V		5248-V	5135-V
RG 11 CATV		5140-HDTV											
VK 95 (RG59)									5036-V			5081-V	
RG 11 1.0/6.6							5008-V	5041-V	PLT- 18030 PLT- 18041	PLT- 18015 PLT- 18011		5247-V	5057-V
RG 11 A/U							5022-V					5245-V	
							5038-V		PLT- 18311	5077-V			

Conversion table between AWG & mm-mm²

RIGID WIRE		
AWG	Diametre (mm)	Section (mm ²)
38	0,101	0,008
37	0,113	0,010
36	0,127	0,013
35	0,143	0,016
34	0,160	0,020
33	0,180	0,025
32	0,202	0,032
31	0,227	0,040
30	0,255	0,051
29	0,286	0,064
28	0,321	0,081
27	0,361	0,102
26	0,405	0,129
25	0,455	0,162
24	0,511	0,205
23	0,573	0,258
22	0,644	0,326
21	0,723	0,411
20	0,812	0,518
19	0,912	0,653
18	1,024	0,823
17	1,150	1,038
16	1,291	1,309
15	1,450	1,650
14	1,628	2,081
13	1,828	2,624
12	2,053	3,309
11	2,305	4,172
10	2,588	5,261
9	2,906	6,634
8	3,264	8,366
7	3,665	10,549
6	4,115	13,46
5	4,621	16,773
4	5,189	22,8
3	5,827	26,670
2	6,544	33,631
1	7,348	42,408
0	8,252	53,475

FLEXIBLE WIRE		
Awg	Composition	Section (mm ²)
32	7 x 0,079	0,03
32	7 x 0,05	0,014
30	7 x 0,102	0,05
30	7 x 0,10	0,055
30	7 x 0,127	0,079
30	10 x 0,10	0,78
28	7 x 0,127	0,08
28	7 x 0,13	0,093
28	12 x 0,10	0,094
28	10 x 0,12	0,11
28	15 x 0,10	0,118
26	7 x 0,16	0,14
26	16 x 0,12	0,135
26	18 x 0,10	0,14
24	7 x 0,203	0,22
24	12 x 0,15	0,213
24	7 x 0,20	0,22
22	7 x 0,254	0,34
22	7 x 0,25	0,345
22	12 x 0,20	0,38
20	7 x 0,40	0,88
20	7 x 0,320	0,56
20	7 x 0,30	0,49
20	16 x 0,20	0,5
20	7 x 0,32	0,56
20	16 x 0,25	0,71
20	12 x 0,30	0,85
18	7 x 0,404	0,89
16	7 x 0,471	1,22
16	7 x 0,50	1,38
16	12 x 0,40	1,5
14	7 x 0,594	1,94
14	7 x 0,60	2
14	16 x 0,40	2
12	16 x 0,50	3,14
10	19 x 0,594	5,25
8	19 x 0,740	8,38
6	19 x 0,95	1,33
4	37 x 0,886	2,8

EXTRAFLEXIBLE WIRE		
AWG	Composition	Section (mm ²)
32	24 x 0,05	0,047
28	19 x 0,079	0,09
28	48 x 0,05	0,094
28	60 x 0,05	0,118
28	48 x 0,05	0,094
26	19 x 0,102	0,15
26	24 x 0,10	0,188
24	19 x 0,127	0,24
24	27 x 0,10	0,213
24	19 x 0,13	0,25
24	32 x 0,10	0,25
24	37 x 0,10	0,29
24	40 x 0,10	0,314
22	19 x 0,16	0,38
22	19 x 0,15	0,38
22	48 x 0,10	0,38
22	22 x 0,15	0,39
20	19 x 0,203	0,61
20	36 x 0,15	0,64
20	24 x 0,20	0,75
18	19 x 0,254	0,96
18	19 x 0,25	0,93
18	56 x 0,15	0,96
18	32 x 0,20	1
18	26 x 0,25	1,28
16	19 x 0,287	1,23
16	19 x 0,30	1,34
16	30 x 0,25	1,5
14	19 x 0,360	1,94
14	27 x 0,30	1,98
14	41 x 0,25	2,05
14	50 x 0,25	2,5
12	37 x 0,320	2,97
12	60 x 0,20	2,89
10	37 x 0,404	4,74
10	73 x 0,30	5,15
8	133 x 0,287	8,6
6	133 x 0,360	13,54
4	133 x 0,454	21,53

Abbreviations

Cu	Copper
CuSn	Tinned copper
CuAg	Silver plated copper
P.V.C.	Polivinyl chloride
PE	Polyethilene
PP	Polypropylene
PEX	Expanded polyethilene
Pet	Polyester
Al/Pet	Aluminium/Polyester
Al/Pet/Al	Aluminium/Polyester/Aluminium
FLRSZH / HF	Halogen free
KV	Kevlar
NPI	Fire retardant
PTC	PVC + rubber
PTC/NBR	PTC + NBR
PUR	Polyurethane
OFC	Oxygen free copper
CU SPIRAL	Polished copper spiral shield
PE SC	Semi conductive polyethilene
AL-PET	AL/Pet
DRAIN WIRE	Drain wire
PTC SC	Semi conductive polyvinyl chloride
AL	Aluminium
MIC	Microphonic
FHDPE	Gas-injected high-density polyethilene
S+FHDPE+S	PE film + gas-injected high-density polyethilene + PE film
BRAIDED AL	Aluminium braid
AL - FOIL	Aluminium tape
EHC CUAG	High conductivity silver plated electrolytic copper
CW	Copper weld
CMR	Riser UL 1666
FHDPE+	Gas injected high density polyethilene
FTP	Foil twisted pair
UTP	Unshielded twister pair
HD-SDI	High definition serial digital interface
PPEX	Expanded polypropylene
BRAIDED CU	Polished copper braid
SMPTE	Society of motion picture and television engineers
RCP	Remote control panel

Table of regulations

Rule	Ámbito aplicación
UNE EN 50200; UNE EN 20-431; IEC 60331	Test method of fire resistant cables
UNE 21 031-5; HD 21.5S3:1994; IEC 60227	PVC insulated cables with nominal tension of Uo/U 450/750V
UNE-EN 60332-1-2; IEC 60332-1; CEI 20-35	Fire retardant (applies to response of a single cable before fire)
IEC 60332-3-25; IEEE 383; NFC 32070-C1; UNE-EN 60332-3-25	Non flame propagator (NPI) (applies to response of a bundle of cables [depending on the volume]) before fire
UNE-EN 60754-1; IEC 60754-1; BS 6425-1; CEI 20-37 y CEI 20-38	HF (quantity of halogen acids)
IEC 61034-1,2; IEC 60754-2; NFC 20453; UNE-EN61034-1,2; CEI 20-38	HF (PH and conductivity)
IEC 61034-1,2; IEC 20-37 y UNE-EN61034-1,2; CEI 20-38	L_S (low emission of obscure smoke [60% light transmittance])
UNE 21-022; IEC 228	Defines flexibility of unipolar conductors, maximum diameter of each wire for a given copper section
UNE 21064	Tinned copper
UNE 21-011	Polished copper
UNE 21027-94-2	Cable flexibility for mobile installations
IEC 708	PEX (expanded polyethylene)
IEC 92-351	PE (solid polyethylene)
NES 713	Toxicity index
UNE 21089	Colour of electrical cables
UIC 895 OR	Hydrocarbon resistant (RH)
EN 60849	Emergency pa system related to UNE 50200 for cabling issues, since we need the installation to work during 30 minutes
ITC-BT-28 p4	Fire resistant cables, public premises
UNE EN 50039	ATEX zones, intrinsic security
DIRECTIVA 2002/96/CE	Waste electrical and electronic equipment
DIRECTIVA 2002/95/CE	Restriction of hazardous substances (RoHS)
Directive 2011/65/EU	RoHS 2
EN 50575 (CPR)	Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements
HD 605:1994	Cable marking: according to the harmonization document HD 605:1994 the marking is rubbed lightly ten times with a wet cotton or cloth

Las euroclases de los cables eléctricos

Euroclasses of electric cables

Euroclasses of electric cables

EUROCCLASES		CRITERIOS ADICIONALES	
		Producción de humo	Acidez
	A_{ca}
	B1_{ca} B2_{ca}	s1a s1b s2	- - +
	C_{ca}		
	D_{ca}	s3	a1 a2 a3
	E_{ca}		d0 d1 d2
	F_{ca}		...

The new naming system in addition to unifying EU criteria is more complete and provides further information on the product's fire properties, including also information about additional criteria such as opacity of smoke emitted (s 1 a, s 1 b, s2 and s3), dripping during combustion (d0, d1 and d2) and acidity (a1, a2 and a3).

EUROCLASSES

Aca: No reaction

B1cfa: Very low reaction. Non-flame propagator (1.75m). Very low heat emission.

B2cfa: Very low reaction. Non-flame propagator (1.50m). Low heat emission.

Cca: Reduced reaction. Non-flame propagator (2m). Reduced heat emission.

Dca: Improved. Non-flame propagator. Improved heat emission.

Eca: Basic reaction. Non-flame propagator.

Fca: Undetermined

ADDITIONAL CRITERIA

Opacity of smoke:

s1: Low production and slow spread of smoke

s1a: S1 and smoke transparency greater than 80%
(UNE-EN 61034-2)

s1b: S1 and smoke transparency greater than 60% and less than 80%
(UNE-EN 61034-2)

s2: Intermediate values of smoke production and propagation

s3: Neither s1 nor s2

Smoke acidity:

a1: Low acidity (UNE-EN 60754-2-> conductivity <2.5 µS / mm and pH>4.3)

a2: Acidity intermediate value (UNE-EN 60754-2-> conductivity <10 µS / mm and pH> 4.3)

a3: Ni a1 or a2



Protocol

PROTOCOL	70	80	90	100	110	120	140	150	160	240
AES 67						NEO-Cat 5011				
LAWO/DirectOut/Neumann						NEO-Smart 6011				
DANTE				NEO-Cat 5009		NEO-Cat 5011				
Yamaha						NEO-Smart 6011				
AES 50 SuperMac/HyperMac			NEO-Cat 6008		NEO-Cat 5011		NEO-Smart 6011			
Midas Behringer										
AVB										
AVID/Meyer Sound				NEO-Smart 6011						
MADI over Ethernet			NEO-Cat 6008		NEO-Cat 5009					
Soundcraft/Digico					NEO-Cat 5011					
GigaACE			NEO-Cat 5011		NEO-Smart 6011					
Allen & Heath										
ETHERSOULD				NEO-Cat 5009	NEO-Cat 5011					
Digigram						NEO-Smart 6011				
RockNet by RIEDEL			NEO-Cat 6008		NEO-Smart 6011		NEO-Smart 6011			
A-NET by AVIOM							NEO-Smart 6011			
HD base T		NEO-Cat 6008						NEO-Cat 5009		
AES 3-2003									NEO-Cat 6008	NEO-Smart 6011
10G Base T										
			NEO-Smart 6011							



A large coil of black PERCON BROADCAST cable is positioned on the right side of the image, showing its texture and the repeated text "PERCON BROADCAST" embossed on its surface.

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