

CLS240

Contractor speaker cable - 2 x 4.0 mm²

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The CLS240 cable is a 2-core installation loudspeaker cables featuring a flamoflex™ outer jacket compliant to the IEC60332-1 standard regarding fire and flammability resistance in public installations. The flamoflex™ material is specifically designed with installers convenience in mind offering a smooth and durable outer jacket for easy installation and pulling.

The cable consist of individually NHFR isolated conductors with a section of 2 x 4.0 mm² (11 AWG) which are composed out of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.



INSTALL

Physical Characteristics

Type of cable	2-Core speaker cable
Inner conductor	TC 56 x 0.30 mm (OFC)
Inner conductor section	4.0 mm ²
Number of conductors	2
Insulation	NHFR Ø 3.3 mm
Insulation Colour	Red / Blue
Conductor twisting	Yes
Shielding	None
Filling	NHFR
Separator	None
Outer Jacket	NHFR
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 8.6 mm
American Wire Gauge	11 AWG

Standards & regulations

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According IEC 60332-1
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)
Circuit integrity	n/a
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1, IEC 60754

Mechanical Characteristics

Temperature range	fixed installation	-20° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	8 x cable Ø OD
	flexible installation	10 x cable Ø OD

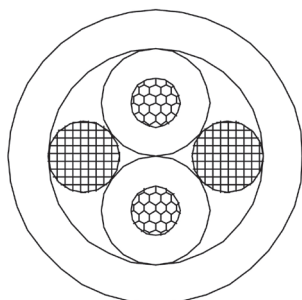
Electrical Characteristics

Max. conductor DC resistance	4.48 (Ω/Km)
Dielectric strenght	2 (KV/1min. DC)
Voltage rating	300V

Ordering & packaging

CLS240/1	NHFR, IEC 60332-1, Black	100 meter plastic reel
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Cross section



Recommended accessories & connections

Speaker connector	Procab	VCL4FC
SpeakON connector	Neutrik	NL2FX/NL4FX