

Product information

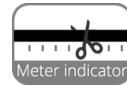
The CLS2xx series are 2-core installation loudspeaker cables featuring a FlamoFlex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The FlamoFlex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. This series consists of 4 models with individually NHFR isolated conductors in sections from 0.75 mm² (18 AWG) up to 4.0 mm² (11 AWG) which are composed of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.



Highlights

- FlamoFlex™ IEC 60332-1 installation jacket
- IEC 60332-1 NHFR compliant
- 18 AWG thin and dense stranded conductors

Properties



Inner Conductors



Usage

INSTALL

Physical Characteristics

Type of cable	2-core loudspeaker cable		
Inner conductor	Material	TC 24 x 0.2 mm (Ø) (OFC)	
	Section	0.75 mm ²	
	Number of conductors	2	
Insulation	Material	NHFR 1.9 mm (Ø)	
	Filling		
Separator			None
Inner conductor	American Wire Gauge	18 AWG	
	Insulation	Material	NHFR 1.9 mm (Ø)
	Colours		Red / Blue
Conductor twisting			Yes
Outer jacket	Material	NHFR 5.8 mm (Ø)	
	Colours	Black	

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

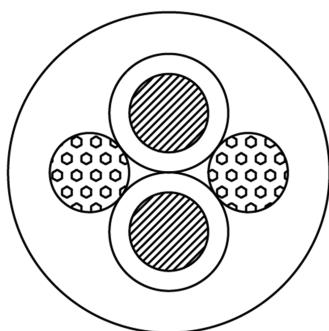
Electrical Characteristics

Max. conductor	DC resistance	29.1 (/ Km)
Dielectric strength		2 (KV / 1 min. DC)
Rated voltage		300 V

Mechanical Characteristics

Temperature range	Fixed installation	- 20 °C till + 80 °C
	Flexible installation	- 15 °C till + 60 °C
Bending radius	Fixed installation	8 x outer diameter
	Flexible installation	10 x outer diameter

Cross sections



Variants

- CLS207/1 - 100 m plastic reel
- CLS207/3 - 300 m wooden reel