CLS207

Loudspeaker cable - 2 x 0.75 mm² - 18 AWG - FlamoFlex™

Highlights:

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

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.



Properties:



Inner Conductors:



Product Features:

Application	AV & IT
Series	Contractor Series

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Physical Characteristics:

Inner conductor	Insulation	Material	NHFR 1.9 mm (Ø)
			NHFR 1.9 mm (Ø)
		Colours	Red / Blue
Outer jacket	Material		NHFR 5.8 mm (Ø)
	Colours		Black
Type of cable			2-core loudspeaker cable
Inner conductor	Material		TC 24 x 0.2 mm (Ø) (OFC)
	Section		0.0012 “²
Filling			NHFR
Separator			None
Inner conductor	American Wire Gauge		18 AWG
	Number of conductors		2
	Conductor twisting		Yes

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:

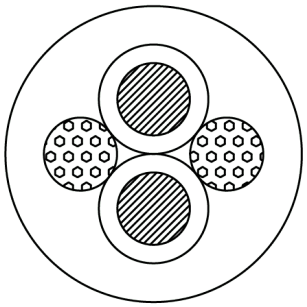
Max. conductor	DC resistance	29.1 (Ω / Km)
Dielectric strength		2 (KV / 1 min. DC)
Rated voltage		300 V

Mechanical Characteristics:

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

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Cross sections:



We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.