CLS425

Loudspeaker cable - 4 x 2.5 mm² - 13 AWG - FlamoFlex™

Highlights:

- 13 AWG thin and dense stranded conductors
- Flamoflex™ IEC 60332-1 installation jacket
- 4 conductors for 2-channel loudspeaker connection
- IEC 60332-1 NHFR compliant

Product information:

The CLS425 cable is a 4-core installation loudspeaker cables featuring a flamoflex™ outer jacket compliant to the IEC60332-1 standard regarding fire and flamabilty 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 individualy NHFR isolated conductors with a section of 4 x 2.5 mm² (13 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.



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:

Type of cable			4-core loudspeaker cable
Inner conductor	Material		TC 50 x 0.25 mm (Ø) (OFC)
	Section		0.0039 “²
	Number of conductors		4
	Insulation	Material	NHFR 2.7 mm (Ø)
		Colours	Black / Red / Blue / Yellow
Separator			Al-Mylar
Inner conductor	American Wire Gauge		13 AWG
Filling			None
Outer jacket	Material		NHFR 9.5 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:

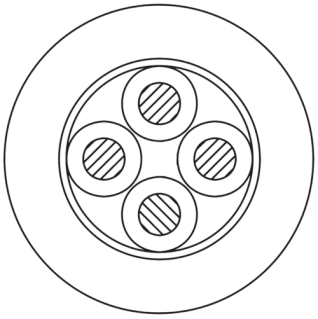
Max. conductor	DC resistance	8.96 (Ω / Km)
Dielectric strength		2 (KV / 1 min. DC)
Rated voltage		300 V

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

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Cross sections:



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