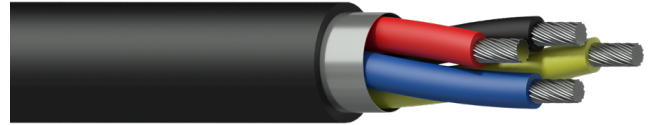


Highlights:

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

The CLS440 cable is a 4-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 4 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.



Properties:



Inner Conductors:



Usage:



Physical Characteristics:

Inner conductor	Insulation	Material	NHFR 3.6 mm (Ø)
		Colours	Black / Red / Blue / Yellow
Outer jacket	Material		NHFR 12 mm (Ø)
	Colours		Black
Type of cable			4-core loudspeaker cable
Inner conductor	Material		TC 56 x 0.3 mm (Ø) (OFC)
	Section		4 mm ²
Filling			None
Separator			Al-Mylar
Inner conductor	American Wire Gauge		11 AWG
	Number of conductors		4

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	4.48 (Ω / 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:

