CMC224

Balanced microphone cable - flex 2 x 0.22 mm² - 24 AWG - Flamoflex™

Highlights:

- Double shielding (Al-foil + Braiding)
- Flamoflex™ IEC 60332-1 installation jacket
- Stranded conductors

Product information:

The CMC224 is a high quality microphone 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 cable features a 24 AWG twisted pair with shielding. The CMC224 consists of stranded conductors with braided shielding and drain wire, which offers a higher flexibility. This cable features a highly effective shielding with excellent immunity against noise and interference caused by external devices. The tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, allowing it to be used indoors as well as in outside, in humid or marine environments.



Properties:



Inner Conductors:



Shielding:



Product Features:

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			24 AWG Microphone cable
Inner conductor	Material		TC 20 x 0.12 mm (Ø) (OFC)
	Section		0.22 mm²
	Number of conductors		2
	Insulation	Material	PE 1 mm (Ø)
Separator			None
Filling			None
Inner conductor	Insulation	Colours	White / Red
Overall shielding	Aluminium foil		Al-mylar, 100% coverage - 25% Overlap
	Drain wire		TC 20 x 0.12 mm (Ø) (OFC)
Outer jacket	Material		NHFR 3.8 mm (Ø)
	Colours		Black
Inner conductor	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	94.2 (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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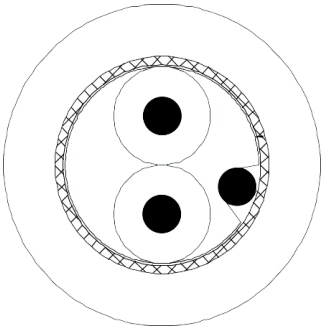
Cross sections:



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