

CMC224

Contractor balanced microphone cable



The CMC224 is a high quality microphone cable 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.

It consists of a 24 AWG stranded conductor section with dual shielding, consisting of an Al-mylar foil surrounded by a braiding, which offers a high flexibility. The highly effective shielding offers 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.



INSTALL

Physical Characteristics	
Type of cable	24 AWG Stranded bal. mic cable
Inner conductor	TC 20 x 0.12 mm (OFC)
Inner conductor section	0.22 mm ²
Number of conductors	2
Insulation	PE Ø 1.0 mm
Insulation Colour	Red / White
Conductor twisting	Yes
Shielding 1	Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap
Shielding 2	Braiding TC 16 x 4 x 0.12 mm 95% coverage
Filling	None
Separator	None
Outer Jacket	NHFR
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 3.8 mm
American Wire Gauge	24 AWG

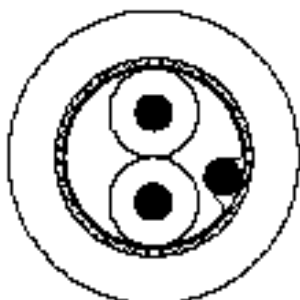
Standards & regulations	
RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According IEC 60332-1
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)
Circuit integrity	n/a
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1, IEC 60754

Mechanical Characteristics		
Temperature range	fixed installation	-20° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	8 x cable Ø OD
	flexible installation	10 x cable Ø OD

Electrical Characteristics	
Max. conductor DC resistance	94.2 (Ω/Km)
Dielectric strength	2 (KV/1min. DC)
Voltage rating	300V

Ordering & packaging		
CMC224/1	NHFR, IEC 60332-1, Black	100 meter plastic reel

Cross section



Recommended accessories & connections

XLR Connector	Procab	VC3MX/VC3FX
XLR Connector	Neutrik	NC3MXX/NC3FXX