

BMC224

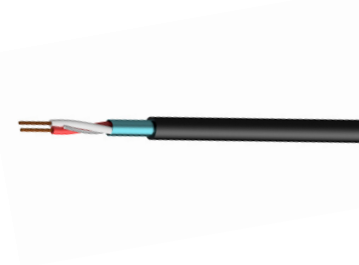
Microphone cable - 2 x 0.22 mm² / 24 AWG



The BMC224 is a balanced microphone cable composed of two stranded conductors surrounded by an Al-Mylar shielding in a flexible but durable PVC outer jacket, making it suitable for a wide variation of installation applications such as rack cabling and pulling through tubes and ducts.

It consists of a 24 AWG stranded conductor section with Al-Mylar foil shielding and drain wire. Combined with a strong bond between shielding and jacket, stripping of both jacket and shielding can be done in one action which guarantees the highest installer convenience when terminating with connectors.

The highly effective shielding offers excellent immunity against noise and interference caused by external devices.



INSTALL

Physical characteristics

Type of cable	24 AWG Stranded bal. mic cable
Inner conductor	BC 7 x 0.20 mm
Inner conductor section	0.22 mm ²
Number of conductors	2
Insulation	HDPE Ø 1.25 mm
Insulation Colour	Red / White
Conductor twisting	Yes
Shielding	Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap
Filling	None
Separator	None
Outer Jacket	PVC
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

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

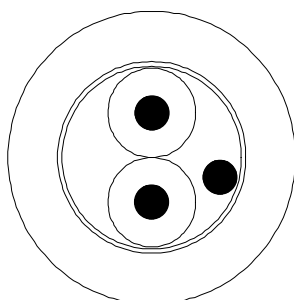
Electrical characteristics

Max. conductor DC resistance	93 (Ω/Km)
Dielectric strength	500 (V/1min. DC)
Voltage rating	30V
Insulation resistance	100 (MΩ/Km)

Ordering & packaging

BMC224/1	PVC, Black	100 meter plastic reel
BMC224/3	PVC, Black	300 meter plastic reel

Cross section



Recommended accessories & connections

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