

TECHNICAL DATA SHEET
MI-222SP-B



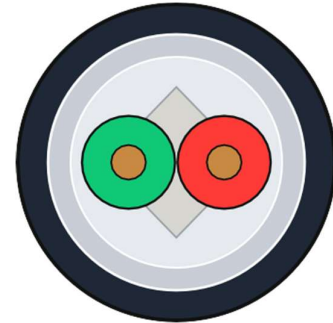
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Document status Issued for technical reference	Product family Balanced microphone cable	Nominal build 2 x 0.22 mm ² / AWG24	Revision 03/2026 - Rev. A
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CONSTRUCTION	
Conductor	2 x 0.22 mm ² OFC conductors, AWG24, bare copper, 28 x 0.10 mm stranding. Class 6 flexible construction per IEC 60228 / CEI 20-29.
Insulation	Polyethylene insulation, compliant with IEC 60092-360 and CEI EN 50363-2-1. Excellent dielectric properties for minimal signal attenuation and high-frequency fidelity Nominal insulation diameter: approx. 1,40 mm
Core assembly	Twisted pair assembly with filler support for stable geometry and improved flexibility during handling and routing.
Shield	Oxygen Free Bare copper spiral shield with nominal 100% coverage according to IEC 60096-1 for effective EMI screening in professional audio environments.
Outer jacket	Flexible PVC compound for 80 °C service temperature, compliant with VDE 0207 Part 5 and CEI EN 50363-4-1. Flame propagation test: IEC 60332-1 / CEI 20-11. Sheath color: black. Nominal overall diameter: approx. 6.1 mm.

Professional balanced microphone and line-level audio transmission where flexibility, shielding effectiveness and consistent capacitance are required.

SECTION VIEW



MECHANICAL	
Service temperature range	-20 °C to +80 °C
Fixed installation range	-40 °C to +80 °C
Minimum bend radius (in service)	15 x overall diameter
Minimum bend radius (fixed)	10 x overall diameter
Approx. cable weight	48 kg/km
Outer jacket hardness	60 Shore A

ELECTRICAL	
Conductor resistance	80 Ohm/km at 20 °C
Capacitance	55 pF/m at 20 °C
Nominal voltage	300 V
Insulation resistance	> 13 Gohm x km at 20 °C

COMPLIANCE	
RoHS	Directive 2011/65/EU, including subsequent amendments.
REACH	Regulation (EC) No. 1907/2006, including current SVHC list.
CE / EU market conformity	Designed for use in assemblies and systems placed on the EU market in accordance with applicable directives and product-level obligations, including examples such as 2014/35/EU and 2014/30/EU where relevant.