

TECHNICAL DATA SHEET
MI234SP-B



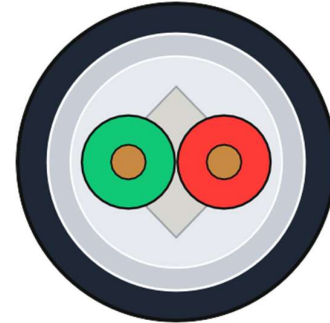
Asher Cables - Italy
 www.ashercables.com | info@ashercables.com

Document status Issued for technical reference	Product family Balanced microphone cable	Nominal build 2 x 0.34 mm ² / AWG22	Revision 03/2026 - Rev. A
----------------------------------------------------------	----------------------------------------------------	----------------------------------------------------------	-------------------------------------

CONSTRUCTION	
Conductor	2 x 0.34 mm ² OFC conductors, AWG22, bare copper, 42 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. 1,50 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. 6.4 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	53 kg/km
Outer jacket hardness	60 Shore A

ELECTRICAL	
Conductor resistance	53 Ohm/km at 20 °C
Capacitance	60 pF/m at 20 °C
Nominal voltage	300 V
Insulation resistance	> 16 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.