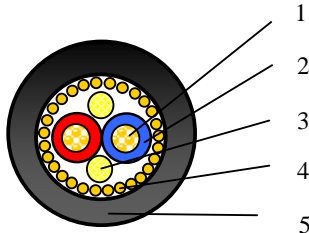


TECHNICAL DATASHEET	code	70040-V1
Microphone Cable	date	2010-01-05
	repl	
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CONSTRUCTION



1. Conductor	32 x 0.10 mm Bare Oxygen-free Cu
2. Insulation	
Material	Polyethylene
Diameter over insulation	1.45 ± 0.05 mm
Colour of insulation	Red and blue
3. Filler	
Material	Cotton yarn
4. Spiral screening	
Material	0.12 mm bare Cu
Coverage	> 90%
5. Sheath	
Material	Flexible PVC with matte finish
Diameter over sheath	6.10 ± 0.20 mm
Possible colour of sheath	Black, red (like RAL 3001), yellow (like RAL 1003), green (like RAL 6029), blue (like RAL 5005), grey (like RAL 7000)
Appearance of the cable	Cable has to be very round without minimal convolutions

REQUIREMENTS AND TEST METHODS

Electrical:

Resistance conductor @ 20°C	< 78 Ω/km
Capacitance conductor to conductor @ 1kHz	60 pF/m
Capacitance conductor to screen @ 1kHz	110 pF/m
Testvoltage conductor-conductor	1000 VDC
Testvoltage conductor-screen	1000 VDC

Mechanical and physical:

Temperature range processing and operating	-5 to +60 °C
Temperature range storage	-15 to +60 °C
Minimum bending radius	10 x cable diameter

MARKING OF THE CABLE

“BELDEN 70040 AUDIO MICROPHONE 1STP 24AWG (0.22mm²) MMY+metermarking (MMYY=month and year, e.g. 1209)”

Applied once each meter, colour of print: black or white depending on jacket colour.