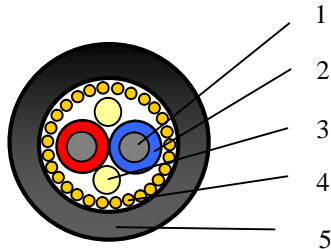
	<b>TECHNICAL DATA SHEET</b>	code	<b>BE46349</b>
		version	<b>5</b>
		date	<b>2007-01-10</b>
	<b>Microphone Cable</b>	page	<b>1/2</b>

## APPLICATION

Microphone cable.

## CONSTRUCTION



<b>1. Conductor</b>	32 x 0.10 mm bare Cu (AWG 24)
<b>2. Insulation</b>	
Material	Polyethylene
Diameter over insulation	1.45 ± 0.05 mm
Colour of insulation	Red and blue
<b>3. Filler</b>	
Material	Cotton yarn
<b>4. Spiral screening</b>	
Material	0.12 mm bare Cu
Coverage	> 90%
<b>5. Sheath</b>	
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)


## 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

	<b>TECHNICAL DATA SHEET</b>	code	<b>BE46349</b>
		version	<b>5</b>
		date	<b>2007-01-10</b>
	<b>Microphone Cable</b>	page	<b>2/2</b>

### PACKAGING

On non-returnable reels with a nominal length of 100m

Tolerance minus: 20 m

Tolerance plus: 20 m

On non-returnable reels with a nominal length of 500m

Tolerance minus: 100 m

Tolerance plus: 100 m

On non-returnable reels with a nominal length of 1000m

Tolerance minus: 200 m

Tolerance plus: 200 m

Each reel is labelled with the following data:

Belden Logo. Belden code number. Item description.

Length on the reel. Date of manufacture.



Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.