

	TECHNICAL DATA SHEET	code	70030
		version	4
		date	2010-02-11
	Audio-connect cable AWG 24 (0.22mm²)	page	1/2

APPLICATION

Single pair 24AWG halogen free screened pair cable for analog audio.

CONSTRUCTION



1. Conductor

Material

Bare oxygen free copper

Dimension

7 x 0.2mm (AWG 24)

2. Insulation

Material

Polyethylene

Diameter over insulation

1.02 ± 0.05 mm

Colour of insulation

Red and black

3. Shielding foil

Material

Aluminum-Polyester

Coverage

100%

4. Drainwire

Material

Tinned copper

Dimension

7 x 0.2mm (AWG 24)

Position

Under shielding foil

5. Jacket

Material

FRNC

Diameter

3.1 ± 0.10 mm

	TECHNICAL DATA SHEET	code	70030
		version	4
		date	2010-02-11
	Audio-connect cable AWG 24 (0.22mm²)	page	2/2

REQUIREMENTS AND TEST METHODS

Electrical:

Nominal capacitance conductor to conductor @ 1 kHz	92 pF/m
Nominal capacitance conductor to shield @ 1 kHz	180 pF/m
Nominal conductor DC resistance @ 20°C	88.5 Ohm/km
Nominal inductance	0.75 uH/m
Nominal shield DC resistance @ 20°C	52 Ohm/km

Mechanical and physical:

Temperature rating	-30 to +70 °C
Resistance to flame propagation:	IEC 60332-1
FRNC material	
Corrosivity	IEC 60754-1 & IEC 60754-2
LOI	>34%
Maximum pulling tension	70 N
Minimum setting radius	5 x cable diameter
Minimum bending during install	10 x cable diameter



Belden CDT believes 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.