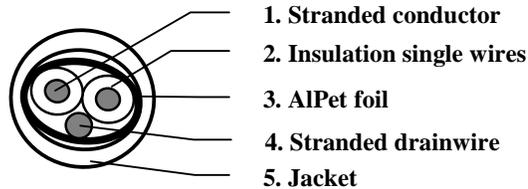


	TECHNICAL DATA SHEET	code	70049
		version	4
	Audio-connect cable AWG 24	date	2010-02-11
	(0.22mm²)	page	1/2

APPLICATION

Single pair 24AWG halogen free single pair cable for digital audio.

CONSTRUCTION



Each element:

1. Conductor	
Material	Bare oxygen free copper
Dimension	7 x 0.2mm (AWG 24)
2. Insulation	
Material	Foam polyethylene
Diameter over insulation	1.70 ± 0.05 mm
Colour of insulation	Red and black
3. Shielding foil	
Material	Aluminium-Polyester
Coverage	100%
4. Drainwire	
Material	Tinned copper
Dimension	7 x 0.2mm (AWG 24)
Position	Under shielding foil
5. Jacket	
Material	FRNC
Diameter	5.0 ± 0.10 mm

	TECHNICAL DATA SHEET	code	70049
		version	4
	Audio-connect cable AWG 24	date	2010-02-11
	(0.22mm²)	page	2/2

REQUIREMENTS AND TEST METHODS

Electrical:

Impedance 0.1-6 MHz	110 Ohm +/- 15 Ohms
Nominal capacitance conductor to conductor @ 1 kHz	36 pF/m
Nominal conductor DC resistance @ 20°C	86 Ohm/km
High voltage test conductor-conductor	1.0 kVdc
High voltage test conductors-shield	1.0 kVdc
Nominal velocity of propagation:	76%

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 bending radius without load	10 x cable diameter
Minimum bending during install with load	15 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.