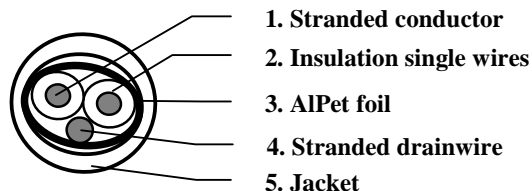
	<b>TECHNICAL DATA SHEET</b>	code	<b>70050</b>
		version	<b>4</b>
	<b>Audio-connect cable AWG 22</b>	date	<b>2010-02-11</b>
	<b>(0.34mm<sup>2</sup>)</b>	page	<b>1/2</b>

## APPLICATION


Single pair 22AWG halogen free single pair cable for digital audio.

## CONSTRUCTION



### Each element:

<b>1. Conductor</b>	
Material	Bare oxygen free copper
Dimension	7 x 0.25mm (AWG 22)
<b>2. Insulation</b>	
Material	Foam polyethylene
Diameter over insulation	2.10 ± 0.05 mm
Colour of insulation	Red and black
<b>3. Shielding foil</b>	
Material	Aluminium-Polyester
Coverage	100%
<b>4. Drainwire</b>	
Material	Tinned copper
Dimension	7 x 0.25mm (AWG 22)
Position	Under shielding foil
<b>5. Jacket</b>	
Material	FRNC
Diameter	6.0 ± 0.10 mm

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## REQUIREMENTS AND TEST METHODS

### Electrical:

Impedance 0.1-6 MHz	110 Ohm +/- 15 Ohms
Nominal capacitance conductor to conductor @ 1 kHz	45 pF/m
Nominal conductor DC resistance @ 20°C	58 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.