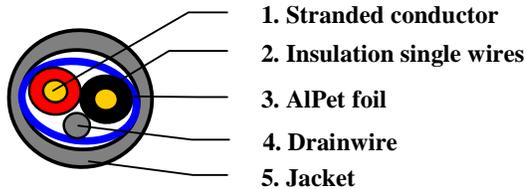


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APPLICATION

Single pair 22AWG halogen free screened pair cable for analog audio.

CONSTRUCTION



1. Conductor

Material Bare oxygen free copper
Dimension 7 x 0.25mm (AWG 22)

2. Insulation

Material Polyethylene
Diameter over insulation 1.16 ± 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 0.25mm (AWG 22)
Position Under shielding foil

5. Jacket

Material FRNC
Diameter 3.5 ± 0.20 mm

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REQUIREMENTS AND TEST METHODS

Electrical:

Nominal capacitance conductor to conductor @ 1 kHz	115 pF/m
Nominal capacitance conductor to shield @ 1 kHz	220 pF/m
Nominal conductor DC resistance @ 20°C	46 Ohm/km
Nominal inductance	0.56 uH/m
Nominal shield DC resistance @ 20°C	46.9 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	120 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.