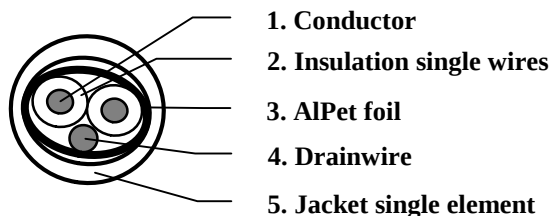


APPLICATION

1 pair 24AWG halogen-free multi-core cable for analog audio.

CONSTRUCTION



1. Conductor

Material

Tinned copper

Dimension

7 x 0.2mm (AWG 24)

2. Insulation single wires

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

Dimensions

7x0.2 mm (AWG24)

Position

Under shielding foil

5. Jacket single element

Material (bonded to shielding foil)

FRNC (colour: Grey)

Nominal diameter

3.33 mm

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
Maximum conductor DC resistance @ 20°C	88.5 Ohm/km
Nominal inductance	0.75 uH/m
Nominal shield DC resistance single element @ 20°C	52 Ohm/km

Mechanical and physical:

Temperature rating	-30 to +70 °C
Maximum pulling tension	73 N
Resistance to flame propagation:	To meet International Standard IEC 332-1
FRNC material	
Tensile strength:	≥ 9.0 N/mm ²
Elongation at break:	≥ 125 %
Corrosivity	To meet European Standard HD602
LOI	>35%
Minimum bending radius without load	10 x cable diameter
Minimum bending during install with load	15 x cable diameter



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.