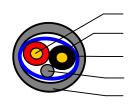
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# **APPLICATION**

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

# **CONSTRUCTION**



1. Stranded conductor

2. Insulation single wires

3. AlPet foil

4. Drainwire

5. Jacket

1. Conductor

Material Bare oxygen free copper Dimension 7 x 0.2mm (AWG 24)

2. Insulation

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  $3.1 \pm 0.10 \text{ mm}$ 

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# REQUIREMENTS AND TEST METHODS

### **Electrical:**

Nominal capacitance conductor to conductor @ 1 kHz

Nominal capacitance conductor to shield @ 1 kHz

Nominal conductor DC resistance @ 20°C

Nominal inductance

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.