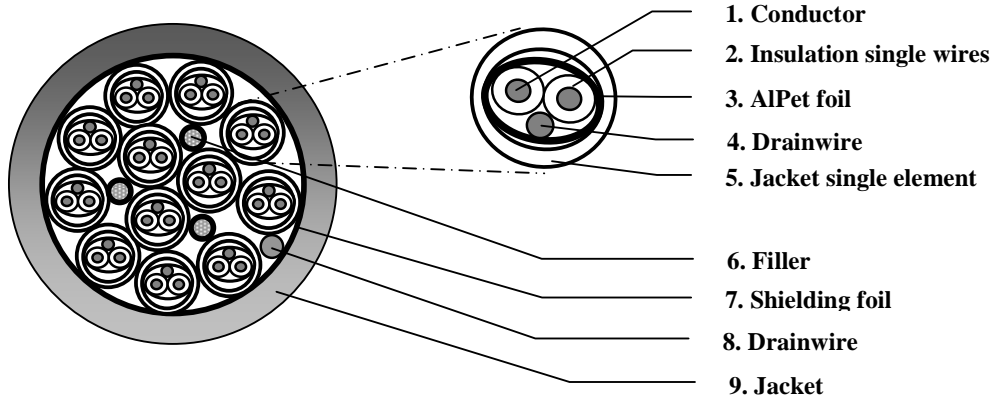


APPLICATION

12 pair 24AWG analog audio multi-core cable.

CONSTRUCTION



<p>1. Conductor Material Dimension</p> <p>2. Insulation single wires Material Diameter over insulation Colour of insulation</p> <p>3. Shielding foil: Material Coverage</p> <p>4. Drainwire: Material Dimensions Position</p> <p>5. Jacket single element Material (bonded to shielding foil) Nominal diameter</p> <p>6. Filler</p> <p>7. Foil Shield Material Coverage</p> <p>8. Drainwire Material Dimensions</p> <p>9. Jacket Material Colour Diameter Nominal wall-thickness</p>	<p>Tinned copper 7 x 0.2mm (AWG 24)</p> <p>Polyethylene 1.02 ± 0.05 mm Red and Black</p> <p>Aluminum-polyester 100 %</p> <p>Tinned copper 7x0.2 mm (AWG24) Under shielding foil</p> <p>FRNC (colour: Grey) Elements are numbered 1 -12 for identification. 2.86 mm</p> <p>Aluminium polyester 100 %</p> <p>Tinned copper 7 x 0.4 mm (7xAWG26)</p> <p>FRNC Grey 13.0 ± 0.5 mm 1.0 mm</p>
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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 µH/m
Nominal shield DC resistance single element @ 20°C	52 Ohm/km

Mechanical and physical:

Temperature rating	-30 to +70 °C
Resistance to flame propagation: FRNC material	To meet International Standard IEC 332-1
Tensile strength:	≥ 9.0 N/mm ²
Elongation at break:	≥ 125 %
Corrosivity	To meet European Standard HD602
LOI	>35%
Maximum pulling tension	980 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.