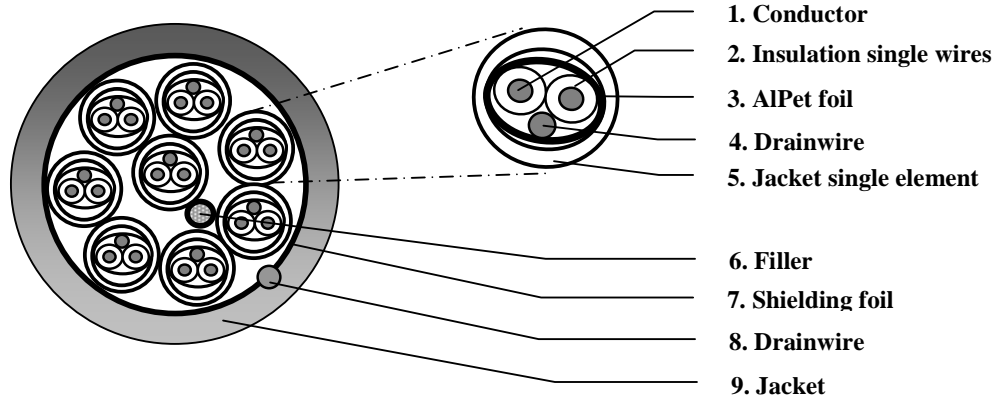


APPLICATION

8 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	Elements are numbered 1 -8 for identification. 2.86 mm
6. Filler		
7. Foil Shield	Material	Aluminium polyester
	Coverage	100 %
8. Drainwire	Material	Tinned copper
	Dimensions	7 x 0.4 mm (7xAWG26)
9. Jacket	Material	FRNC
	Colour	Grey
	Diameter	11.5 ± 0.4 mm
	Nominal wall-thickness	0.9 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
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%
Maximum pulling tension	670 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.