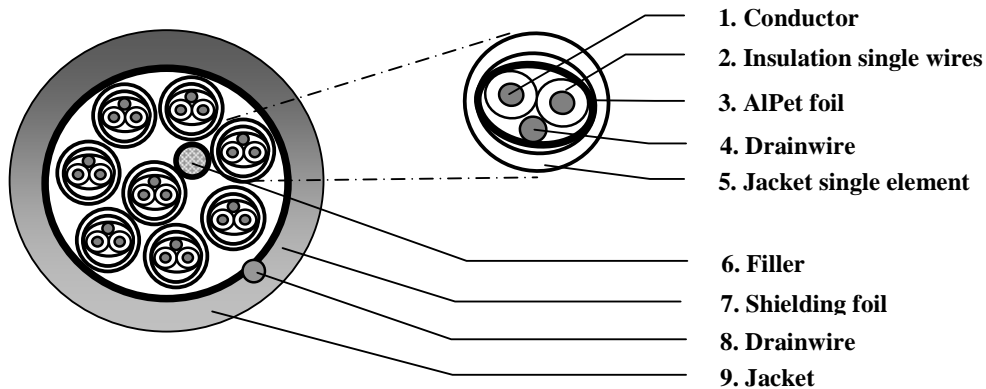




APPLICATION

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)
		Elements are numbered 1 -8 for identification.
	Nominal diameter	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

**TECHNICAL DATASHEET**code **1512ENH**Version **1**Date **2006-03-03**page **2/3****Analog multicore 8-pair 24AWG FRNC****REQUIREMENTS AND TEST METHODS****Electrical:**

Nominal capacitance conductor to conductor @ 1 kHz	90 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	-25 to +70 °C
Maximum pulling tension	670 N
Minimum bending radius without load	10 x cable diameter
Minimum bending during install with load	15 x cable diameter