



CT125 75 Ohm P.E.

Key Features

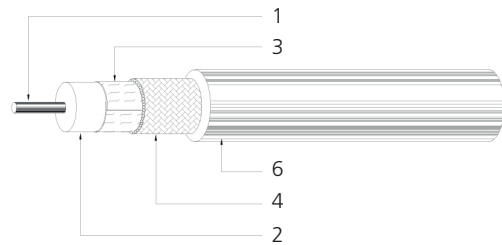
- P.E. Sheath
- High Frequency Low Loss
- Extended distance over CT100

Coaxial and Specialist Cable

Part No: See Below

General Description:

High frequency Low loss coax idea for TV, and satellite installations, comes with a PE sheath for external use. CT125 is generally used for extended distance.



Relevant Test Standards

EN50289, UL1581, UL444

Part Numbers

TRI-000156	CT125 75 Ohm PE Coax Black - Per Metre
TRI-000156-500	CT125 75 Ohm PE Coax Black – 500mtr

Cable Construction:

Material Breakdown:

Conductor	Solid Bare Copper	
	Nom. O.D. (mm)	1*1.25 up +0.003 down -0.020
Insulation	FPE	Diameter: 5.65mm (+0.20mm)
Jacket	External O.D.	7.80 + 0.30mm
	Surface	Clean, Smooth
	Material	PE (complies RoHS)
	Colour	Black
Shield	Cu-Foil	Colour: Yellow
Braid	Material	Copper Covered Aluminum
	Nom. O.D. (mm)	CCA0. 14*64


Sheath Physical Properties:

Before Aging Tensile Strength (Mpa)	≥15.0
Elongation (%)	≥300
Aging Period (°C x hrs.)	80°C x 24h x 7d
After Aging Tensile Strength (Mpa)	≥12.5
After Aging Elongation (%)	≥250
Cold bend (-20±2°C x 4h)	No visible cracks

Electrical Characteristics (20°C):

Max Conductor DC Resistance @ 20°C 1.0-250.0 MHz	1.69 (Ω/100m)	
Min Insulation DC Resistance @ 20°C 1.0-250.0 MHz	200 (MΩM)	
Rated Temperature (°C)	60	
Rated Voltage (V)	300	
Impedence (Ω) at 200MHz	75 (+/-5)	
Capacitance (pF/m)	55 (+/-5)	
Attenuation @ 20°C (-dB/100m) (+15%)	100MHz	8.0
	860MHz	22.5
	1000MHz	24.5