



# CT100 75 Ohm Foam Filled PVC COAX

## Key Features

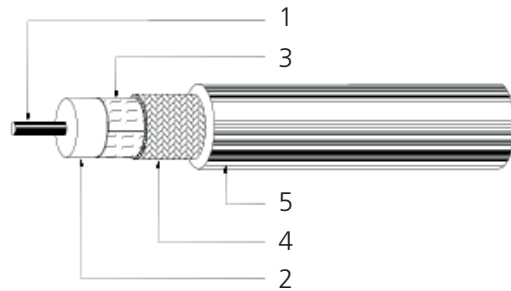
- High Frequency Low Loss
- Foil and Braided screen
- PVC Sheath
- F.P.E. Insulation

## Coaxial and Specialist Cable

Part No: See Below

## General Description:

High frequency low loss cable for TV, CCTV and satellite. Both the foil and braided screen enhances the performance and reduces interference. Available in 100m and 250m drums.



## Relevant Test Standards:

UL1581 and UL444

## Part Numbers

TRI-002424	CT100 75 Ohm Foam Filled PVC Coax - 100m
TRI-001297	CT100 75 Ohm Foam Filled PVC Coax - 250m

## Cable Construction:

## Material Breakdown:

Cable Construction:	Material Breakdown:
Conductor (1)	Solid Bare Copper
	Nom. O.D. (mm)
	1*1.00 up +0.018   down -0.018
Insulation (2)	Material: FPE
	Diameter: 4.60+0.20mm
Jacket (5)	External O.D.
	6.50mm(+/-0.25mm)
	Surface
	Clean / Smooth
	Outer Material
	PVC (complies RoHS)
	Colour
	Black
Shield (3)	CU-foil
	Colour: Yellow
Braid (4)	Material
	Copper Covered Aluminium
	Nom. O.D. (mm)
	0.12*64


**Electrical Characteristics:**

Conductor Resistance	20°C, Conductor DC Resistance	< 2.60 Ω/100M
Insulation DC Resistance	20°C, Insulation DC Resistance	>200Ω.M
Rated Voltage		300v
Rated Temperature (°C)		80°C
Impedance(Ω) at 200MHz		75±5Ω
Capacitance(pF/m)		53.5 (+/-5(pF/m)

**Attenuation at 20°C (-dB/100m)(±15%):**

Frequency (MHz)	-dB/100m
55	5.5
100	7.1
211	10.0
400	13.68
870	20.73
1000	22.35
1750	31.7
2150	35.35