

CT100 CAI COAX CABLE PVC



APPLICATION

CT100 is a high quality double screened and air spaced coaxial cable, for many applications. It is high frequency and low loss, used both in domestic and industrial settings for the transmission of television, CCTV images, and satellite signals.

CABLE STANDARDS

UL1581
UL444

CONSTRUCTION

Conductor: Solid Bare Copper
Insulation: Foam Skin Polyethylene (FPE)
Shield: Aluminium Foil
Braiding: Tinned Copper
Sheath: Poly Vinyl Chloride (PVC)
Sheath Colour: **Black**

CHARACTERISTICS

Voltage Rating: 300 Volts
Max Temperature: 80°C
Impedance Rating: 75+/-3 Ohm
Capacitance Rating: 53(+/-3) (pF/m)
Outer Conductor Resistance: 20°C- <2.6 Ohm/100M
Inner Conductor Resistance: 20°C- <1.5 Ohm/100M
Insulation Resistance: 20°C- >200 MOhm*M

Screening Before and After Flexing test

30-300MHZ:	>85 dB
300-470MHZ:	>80 dB
470-1000MHZ:	>75dB
1000-2100MHZ:	>65dB

Attenuation at 20°C (dB+/-15%)

5MHz:	1.6	50MHz:	4.6
100 MHz:	6.5	200MHz:	9.5
460MHz:	15	860MHz:	19.5
1000 MHz:	21.5	1750 MHz:	29
2150 MHz:	32.5		