



# CT100 Cable

## Mechanical Characteristics

Construction:	Inner Conductor:	1.0mm Bare Copper
	Dielectric:	Cell Polyethylene Insulation
	Shield:	Al-Pet Shield
	Screen:	CCA Braid
	Sheath:	PVC
Insulation Diameter:		4.60 +/- 0.1mm
Braid Diameter:		0.12mm X16 X3 Coverage >38%
Sheath Diameter:		6.40 +/- 0.15mm
Rated Temperature:		70°C

\*Cable image and colours are for illustration purposes only and may vary.

## Application

Designed for many different applications, including TV and satellite, CATV, CCTV, and RF signal usage.

## Specifications

**CPR Class: F**

## Description

Bare copper conductor, cell PE dielectric, Al-Pet shield, CCA braid, and PVC sheath.

## Electrical Characteristics

Max. Conductor DC Resistance:		23.7Ω/km @ 20°C
Min. Insulation DC Resistance:		>300MΩ/km @ 20°C
Characteristic Impedance:		75 ± 30ohm
Rated Voltage:		30V
Capacitance:		55 +/-3pF/m
Velocity Ratio:		0.80
Attenuation (d/B 100m @ 20°C)		
	100MHz	<6.90
	860MHz	<21.3
	1000MHz	<22.5