



# 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.

## Electrical Characteristics

Max. Conductor DC Resistance:	23.7Ω/km @ 20°C
Min. Insulation DC Resistance:	>300MΩ/km @ 20°C
Characteristic Impedance:	75 ± 3Ω
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

## Application

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

## Specifications

**CPR Class: E**

## Description

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