



# TZC Telecom Coaxial Cable

## Application

Coaxial cable for use typically used with interconnection equipment, digital telephone, Ericsson systems and data links.

## Description

Plain copper inner conductor, solid PE insulation, includes 2 X tinned copper braid and an FR PVC sheath. LSZH sheath options are available.

## Electrical Characteristics

DC Resistance Inner Conductor @ 20°C:	$\leq 236 \text{ } \mu\text{km @ } 20^\circ\text{C}$
Characteristic Impedance:	$75 \pm 3\text{Ohm}$
Capacitance:	53pF/m (nominal)
Velocity Ratio:	0.82
Attenuation (d/B 100m @ 20°C) 5MHz:	< 4.8

Far End Signal to Crosstalk Ratio:		
	0.01MHz	> 55dB
	0.30MHz	> 80dB
	1.00MHz	> 110dB
	2.00MHz	> 115dB
	17.00MHz	> 115dB

## Mechanical Characteristics

Construction:	
Inner Conductor:	Plain Copper
Dielectric:	Solid Polyethylene Insulation
Screen 1:	Tinned Copper Braid
Screen 2:	Tinned Copper Braid
Sheath:	FR PVC
Conductor Diameter	0.31mm
Insulation Diameter:	1.95mm (Nominal)
Screen Coverage:	>90%
Sheath Diameter:	3.55mm (Nominal)
Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C

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