



Caledonian

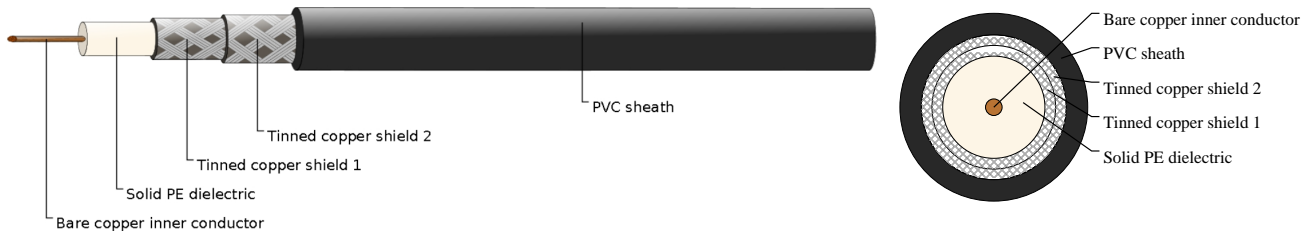
Coaxial Cables

www.caledonian-cables.com

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BT3002 Coaxial Cables

BT3002 Single Core



Construction

Inner conductor	Bare copper	Φ0.31 mm
Dielectric	Solid PE	Φ1.95 mm
Outer conductor(shield 1)	Tinned copper braid	Φ2.35 mm
Shield coverage	/	91%
Outer conductor(shield)	Tinned copper braid	Φ2.75 mm
Shield coverage	/	90%
Outer sheath	PVC/LSOH	Φ3.55 mm

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	66 pF/m
Velocity of propagation	67%
Insulation resistance	>5000 Mohm.Km
Max. conductor resistance	236 Ohm/Km
Rated temperature	70°C
Cable weight (approx.)	28.4kg/km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
1	2.3	0.7
4	4.5	1.4
5	4.8	1.5
17	9.2	2.8
70	18.7	5.7
100	22.5	6.9



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