

**CABLE TYPE** BT3002

**GENERAL DESCRIPTION** 75Ω COAXIAL CABLE SUITABLE FOR THE INTERCONNECTION OF DATA OR INFORMATION PROCESSING EQUIPMENT

**RELEVANT STANDARDS** IN ACCORDANCE WITH BT CW1383B

<b>COMPONENT</b>	<b>MATERIAL BREAKDOWN</b>	<b>DIAMETER</b>
<b>Inner Conductor</b>	0.31mm plain annealed copper wire solid	0.31 mm
<b>Dielectric</b>	Polyethylene	1.95 mm
<b>Screen 1</b>	Nominal wall RT = 0.80mm 0.10mm T.A.C.W. 16 spindle carrier 5 wire ends per spindle Coverage of 91%	2.40 mm
<b>Screen 2</b>	0.10mm T.A.C.W. 16 spindle carrier 6 wire ends per spindle Coverage of 90%	2.85 mm
<b>Jacket</b>	Polyvinyl chloride Nominal wall RT = 0.35mm	3.55 ± 0.15mm
<b><u>WEIGHT</u></b>	23 kg/km (nominal)	

**ELECTRICAL PARAMETERS**

Capacitance	67.0 ± 2.0pF/m @1KHz
Impedance	75.0 ± 4.0Ω @5MHz
Attenuation	2.1dB/100m maximum @1MHz 4.2dB/100m maximum @4MHz 8.66dB/100m maximum @17MHz 17.33dB/100m maximum @69MHz 18.41dB/100m maximum @78MHz
Dielectric withstand	3.5kV rms or 5.3kV dc for 1 minute
Insulation resistance	20,000MΩ km minimum @500V dc after 1 minute
DC resistance inner	23.6Ω/100m maximum @20oC
Min Bend Radius	35mm

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