

203-108
BT3002 LSZH Single Core Coax Cable



<u>CABLE TYPE</u>	BT3002 LSZH	
<u>GENERAL DESCRIPTION</u>	75 COAXIAL CABLE. SUITABLE FOR THE INTERCONNECTION OF DATA OR INFORMATION PROCESSING EQUIPMENT	
<u>RELEVANT STANDARDS</u>	GENERALLY IN ACCORDANCE WITH BT CW1383A	
COMPONENT	MATERIAL BREAKDOWN	DIAMETER
Inner Conductor	0.31mm plain annealed copper wire solid	0.31 ± 0.01mm
Dielectric	Polyethylene Nominal wall RT = 0.80mm	1.95 ± 0.10mm
Screen 1	0.10mm T.A.C.W. 16 spindle carrier 5 wire ends per spindle Coverage of 91%	2.40 ± 0.10mm
Screen 2	0.10mm T.A.C.W. 16 spindle carrier 6 wire ends per spindle Coverage of 90%	2.85 ± 0.10mm
Jacket	Low smoke & fume Nominal wall RT = 0.35mm	3.55 ± 0.15mm
<u>WEIGHT</u>	23 kg/km (nominal)	

ELECTRICAL PARAMETERS

Impedance	75.0 ± 4.0 @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	20,000M km minimum @500V dc after 1 minute
DC resistance inner	23.6 /100m maximum @20oC