

RAYDEX/CDT - SPECIFICATION DATA SHEET

CABLE TYPE BT2002

GENERAL DESCRIPTION 75OHM COAXIAL CABLE. SUITABLE FOR THE
INTERCONNECTION OF DATA OR INFORMATION
PROCESSING EQUIPMENT

RELEVANT STANDARDS IN ACCORDANCE WITH BT CW1229E

COMPONENT	MATERIAL BREAKDOWN	DIAMETER
Inner Conductor	7/0.20mm plain annealed copper wire stranded	0.60 mm
Dielectric	Cellular polyethylene Nominal wall RT = 0.90mm	2.40 mm
Screen 1	0.15mm P.A.C.W. 16 spindle carrier 5 wire ends per spindle Coverage of 95%	3.08 mm
Screen 2	0.15mm P.A.C.W. 16 spindle carrier 6 wire ends per spindle Coverage of 94%	3.75 mm
Jacket	Polyvinyl chloride Nominal wall RT = 0.68mm	5.10 ± 0.10mm

WEIGHT 49 kg/km (nominal)

ELECTRICAL PARAMETERS

Impedance 75.0 ± 4.0 OHM @5MHz

Attenuation 1.5dB/100m maximum @1MHz
3.1dB/100m maximum @ 4MHz
6.29dB/100m maximum @ 17MHz
12.86dB/100m maximum @ 69MHz
13.65dB/100m maximum @ 78MHz

Dielectric withstand 1.5kV rms or 2.3kV dc for 1 minute

Insulation resistance 20,000MW km minimum @500V dc after 1 minute