

## **BELDEN - 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

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

**Data sheet compiled by:**  
**Data sheet publication date:**

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