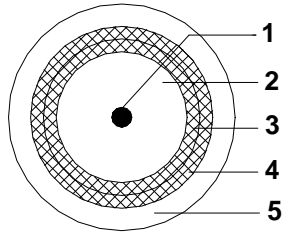


BT3002 CABLE SPECIFICATION



1. Conductor
2. Insulation
3. Braiding 1
4. Braiding 2
5. Sheath

Category	Coaxial Cable (75 ohm Coaxial Interconnection Cable – BT SPECIFICATION CW1383A)					
Code	TEM035-2004 (BT3002)					
Description	1/0.31 BC + PE Insulation + 96/0.1 TC Braiding + 96/0.1 TC Braiding + PVC Sheath					
Conductor	1/0.31+/-0.003BC					
Insulation	Material: Solid Natural PE					
	Nominal OD : 1.95 +/- 0.1 mm					
Braiding 1	16/6/0.1+/-0.003TC / Nominal OD: ~ 2.45mm					
	91% Coverage					
Braiding 2	16/6/0.1+/-0.003TC / Nominal OD: ~ 2.85mm					
	90% Coverage					
Sheath	Material : PVC / Color : White					
	Min. thickness : 0.24mm / Nom. thickness : 0.30mm / Nominal OD : 3.55+/-0.1mm					
Surface Printing	Refer to "Wire & Cable Surface Print Specification"					
Physical Properties	Sheath : Elongation $\geq 100\%$ / Tensile Strength ≥ 8 Mpa					
	Minimum Bending Radius 20 mm single bend, 40 mm repeated bending					
Electrical Properties	Voltage Test : Inner Conductor to Braiding: 5300V d.c/1min, No Breakdown					
	Nom. Capacitance : 67+/-2pF/m					
	Max. DC Conductor resistance : 236 Ω /km, 20 $^{\circ}$ C					
	Min. DC Insulation resistance : 20,000M Ω /km					
	Characteristic Impedance : 75+/-4 Ω (5MHz)					
	Max. Attenuation (dB/100m)					
	MHz	1	5	10	60	100
	dB	2.1	4.5	6.4	15.9	20.6
BC	Bare Copper (Cu)					
TC	Tin Copper (CuSn)					

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