

# SYNERGY TELECOM PVT. LTD

## BT 3002 Cable :-

### Construction

<u>Item</u>	<u>Material</u>	<u>Diameter(mm)</u>
Center Conductor	Bare copper	0.31
Insulation	Solid FE	1.95
Shield	Double tinned copper wire braiding	85%(16/5/0.1)
Jacket	PVC	3.55

### Electrical Characteristics



**Characteristic Impedance - Ohms**  
**Nom. Capacitance**

**75 $\pm$ 3 Ohms**  
**67pF/m**

<b>Frequency(MHz)</b>	<b>Attenuation (dB/100m) (5% Increase is allowed)</b>
<b>17MHz</b>	<b>8.2</b>
<b>70MHz</b>	<b>16.8</b>
<b>200MHz</b>	<b>32</b>

**Designed  
by**

**Checked by**

**Authorized by**

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