

**Part No:** 3902003  
**Description:** BT 2003 75 Ohm Coaxial Cable Polyethylene Insulation, Double Bare Copper Braid PVC White Sheath



### Construction

Conductor Material : Solid Bare Copper  
 Conductor Size : 1/0.61 mm  
 Dielectric : Polyethylene (PE)  
 Diameter of Dielectric : 3.70 mm  $\pm$  0.10mm  
 1<sup>st</sup> Screen Material : Bare Copper Wire Braid ( $\geq$ 75% Coverage)  
 2<sup>nd</sup> Screen Material : Bare Copper Wire Braid ( $\geq$ 85% Coverage)  
 Outer Sheath Material : Polyvinyl Chloride (PVC)  
 Outer Sheath Colour : White

### Electrical Characteristics

Impedance : 75  $\Omega$   $\pm$  3  
 Capacitance : 67 pF /m  $\pm$  3  
 Max. Conductor Resistance :  $\leq$  72  $\Omega$  /km

### Attenuation @ 20°C

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 200             | 18.4                  |
| 600             | 32.4                  |
| 1000            | 41.8                  |

### Physical Characteristics

Overall Diameter : 6.7 mm ( $\pm$ 0.15mm)  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 79 kg/km

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes