

CDT - SPECIFICATION DATA SHEET

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|-----------------------------------|---|
| <u>CABLE TYPE</u> | BT3002 Multi Core |
| <u>GENERAL DESCRIPTION</u> | 75 Ohm Coaxial Cable suitable for the Interconnection of Data or Information Processing Equipment |
| <u>RELEVANT STANDARDS</u> | In Accordance with BT 1383A & BT CW1407 |

| <u>COMPONENT</u> | <u>MATERIAL BREAKDOWN</u> | <u>DIAMETER</u> |
|----------------------------------|---|------------------------|
| <u>COAX CONSTRUCTION</u> | | |
| Inner Conductor | 0.31mm plain annealed copper wire solid | 0.31 mm |
| Dielectric | Polyethylene Nominal wall RT = 0.80mm | 1.95 mm |
| Screen 1 | 0.10mm T.A.C.W. 16 spindle carrier 5 wire ends per spindle Coverage of 91% | 2.40 mm |
| Screen 2 | 0.10mm T.A.C.W. 16 spindle carrier 6 wire ends per spindle Coverage of 90% | 2.85 mm |
| Jacket | Polyvinyl chloride BT-TM1 Nominal wall RT = 0.35mm | 3.55 mm |
| <u>FINAL CONSTRUCTION</u> | | |
| Lay Up | Cores as above twisted together | |
| Binder | Spiral wrapped with a polyester tape, 25% overlap | |
| Jacket | Polyvinyl Chloride BT TM1 Incorporate ripcord under sheath to facilitate removal | |

| Product | Bunch O.D mm | Sheath O.D mm | Radiall mm | Weight kg/km |
|----------------|---------------------|----------------------|-------------------|---------------------|
| 4 Core | 8.70 | 10.30 | 0.80 | 135 |
| 8 Core | 13.45 | 16.05 | 1.30 | 335 |
| 12 Core | 14.85 | 17.50 | 1.30 | 370 |
| 16 Core | 16.80 | 19.60 | 1.40 | 500 |
| 24 Core | 21.40 | 24.60 | 1.60 | 715 |
| 32 Core | 23.90 | 27.10 | 1.60 | 925 |

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