

**REF NO. 820101**

**DATE: 08/08/05**

**DESCRIPTION : Individually Screened Pair Cable 2 x 2/0.22mm<sup>2</sup>**

**CONFORMS TO: RS 528-2134 - UL 2493**

**M E C H A N I C A L   D A T A**

1.1. Inner Conductor: 7/0.20mm Tinned Copper

1.2. Insulation: 1.74mm Foam Polypropylene

1.3. Screen(s): 2 Pairs, each pair twinned with a drain wire of 7/0.20mm Tinned Copper and screened with 1 layer of S-Foil Aluminium/Polyester tape

1.4. Construction: The 2 screened pairs are twisted together and wrapped with . 1 lap of polyester tape applied to one pair only.

1.5. Jacket: PVC. Nominal wall thickness = 0.85mm

1.6. Overall Diameter: 7.00  $\pm$  0.20 mm

1.7. Weight: 45 kg /km Nominal

1.8. Marking: As per customer.

1.9. Other details: Jacket colour as per customer request.

1.10 Drawing Reference: N/A

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**E L E C T R I C A L D A T A**

2.1 Impedance:  $100 \pm 10$  ohms

2.2. Capacitance(s):  $41 \pm 5$  pF/m

2.3. Resistance:

2.3.1.: Inner Conductor(s): 89 ohms/km

2.3.2.: Outer Conductor(s):  
/screens ohms/km

2.4. Attenuation: f (MHz) db/100m

10 6.80

2.5. Velocity Ratio: 78%

2.6. Other Details: