

**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**

**MECHANICAL DATA**

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

**REF NO. 820101**

**DATE. 08/08/05**

**ELECTRICAL DATA**

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:		