



### ESI Cable 09-6 Screened and Unarmoured PVC RP, 0.9mm

<b>Application:</b>	ESI Telephone Cable 09-6 Screened & Unarmoured PVC
<b>Conductors:</b>	Plain annealed solid copper 1/0.90mm (0.64sqmm)
<b>Insulation:</b>	PVC
<b>Screen:</b>	CAM (Collective aluminium mylar)
<b>Sheath:</b>	PVC to ESI 09-6 RP 0130/LHCL 15%
<b>Colour:</b>	Black
<b>Voltage:</b>	110v
<b>Operating temperature:</b>	Maximum 70°C. Minimum 0°C
<b>Minimum bending radius:</b>	8 x overall diameter
<b>Oxygen index:</b>	30%, HCL emissions 15% maximum
<b>Conductor identification:</b>	Generally in accordance with ESI 0-06
<b>Electrical Characteristics</b>	
<b>Maximum conductor loop KM resistance at 20°C:</b>	59.4 OHMS/KM
<b>Maximum insulation resistance at 20°C:</b>	80 mega ohms/KM
<b>Test voltage (dur 60s) conductor dimensions:</b>	2kV a.c between conductors
<b>Diameter of conductor:</b>	0.9mm
<b>Size of conductor:</b>	0.65 sq.mm
<b>Radial thickness of insulation:</b>	0.3mm
<b>Nominal diameter of core:</b>	1.5mm

No of pairs	Over pairs	Over screen	Overall diameter	Weight	Gland A2 / Size	Gland Part No	BATT Part No
1	3.1	4.3	5.9	42	-	-	-
2	3.8	5.0	6.6	55	-	-	40199
5	6.8	8.0	10.0	134	-	-	40200
10	10.7	11.9	13.1	222	-	-	40201
15	11.4	12.6	15.0	316	-	-	-
20	13.8	15.0	17.4	401	-	-	40236
25	15.3	16.5	19.1	491	-	-	40231
30	16.5	17.7	20.5	584	-	-	40050
40	20.0	21.2	24.0	750	-	-	40193
50	21.8	23.0	26.2	954	-	-	40137
100	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-