



### ESI Cable 09-6 Screened and Unarmoured LSZH, 0.8mm

<b>Application:</b>	ESI Telephone Cable 09-6 Screened & Unarmoured LSZH, 0.
<b>Conductors:</b>	Plain annealed solid copper 1/0.8mm (0.5sqmm)
<b>Insulation:</b>	XLPE (Cross linked polyethylene)
<b>Screen:</b>	CAM (Collective aluminium mylar)
<b>Sheath:</b>	LSZH (Low smoke zero halogen) to ESI 09-6 and BS6724
<b>Colour:</b>	Black
<b>Voltage:</b>	100v
<b>Operating temperature:</b>	Maximum 90°C. Minimum -15°C
<b>Minimum bending radius:</b>	8 x overall diameter
<b>Oxygen index:</b>	HCL emissions 0.5% in accordance with BS6424: Part 1, completed cables comply with requirements of fire test. BSEN50266-1:2001 (previously BS4066: Part 3)
<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>	73.6 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>	0.8mm
<b>Size of conductor:</b>	0.5 sq.mm
<b>Radial thickness of insulation:</b>	0.3mm
<b>Nominal diameter of core:</b>	1.4mm

No of pairs	Over pairs	Over screen	Overall diameter	Weight	Gland A2 / Size	Gland Part No	BATT Part No
1	2.8	3.1	4.7	30	-	-	-
2	4.8	5.1	6.9	55	-	-	40222
5	6.4	6.9	8.9	112	-	-	40237
10	9.0	9.5	11.7	197	-	-	40238
15	10.6	11.1	13.5	277	-	-	40239
20	12.2	12.7	15.1	352	-	-	40240
25	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
40	17.3	17.8	20.6	660	-	-	-
60	21.2	21.7	24.9	966	-	-	-
100	27.3	27.8	31.4	1560	-	-	-
200	38.6	39.1	43.7	3030	-	-	-