



**ESI Cable 09-6 Screened and Armoured LSZH, 0.8mm**

**Application:** ESI Telephone Cable 09-6 Screened & Armoured PVC  
**Conductors:** Plain annealed solid copper 1/0.80mm (0.5sqmm)  
**Insulation:** XLPE  
**Screen:** CAM (Collective aluminium mylar)  
**Bedding:** LSZH  
**Armour:** SWA (Single wire armour)  
**Sheath:** LSZH to ESI 09-6 and BS6724  
**Colour:** Black  
**Voltage:** 100v  
**Operating temperature:** Maximum 90°C. Minimum -15°C  
**Minimum bending radius:** 8 x overall diameter  
**Oxygen index:** HCL emissions 0.5% in accordance with BS6424: Part 1. Completed cables comply with the requirements of fire test BSEN50266-1:2001 (previously BS4066 Part 3)  
**Conductor identification:** Generally in accordance with ESI 09-06

No of pairs	Over pairs	Over screen	Over bedding	Over armour	Overall diameter	Weight	Gland A2 / Size	Gland Part No	BATT Part No
1	2.8	3.1	4.7	6.5	9.1	173	-	-	-
2	4.8	5.1	6.9	8.7	11.3	250	-	-	40383
5	6.4	6.9	8.9	10.7	13.5	361	-	-	40404
10	9.0	9.5	11.7	14.2	17.2	618	-	-	40395
15	10.6	11.1	13.5	16.0	19.0	755	-	-	-
20	12.2	12.7	15.1	17.6	20.8	890	-	-	40021
40	17.3	17.8	20.6	23.8	27.4	1560	-	-	-
60	21.2	21.7	24.9	28.1	32.1	2070	-	-	-
100	27.3	27.8	31.4	35.4	39.8	3230	-	-	-
200	38.6	39.1	43.7	48.7	53.7	5860	-	-	-