



### ESI Cable 09-6 Unscreened and Armoured LSZH, 0.8mm

<b>Application:</b>	Suitable as telemetry cable
<b>Conductors:</b>	Plain annealed solid copper 1/0.8mm (0.5sqmm)
<b>Insulation:</b>	XLPE
<b>Bedding:</b>	LSZH
<b>Armour/Protection:</b>	SWA (Single wire armour)
<b>Sheath:</b>	LSZH to ESI 09-6 and BS6724
<b>Colour:</b>	Black
<b>Voltage:</b>	100v
<b>Operating temperature:</b>	PVC: Maximum 70°C, Minimum bending: 0°C LSZH: Maximum 90°C, Minimum bending: -15°C
<b>Minimum bending radius:</b>	8 x overall diameter
<b>Oxygen index:</b>	PVC: 30%, HCL emissions 15% maximum LSZH: HCL emissions 0.5% in accordance with BS6424: Part 1 Completed cables comply with the requirements of the fire test BSEN50266-1:2001 (Previously BS4066 Part 3)
<b>Conductor identification:</b>	Generally in accordance with ESI 09-6



Multi pair cables ESI 09-6	Conductor size (mm) Cable type	No of pairs	Nominal dimensions (mm), weights and part numbers								
			2	5	10	20	40	60	100	200	
XLPE insulated steel wire armoured LSZH sheathed	1/0.8mm LSZH Issue 6	Conductor diameter	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		Insulation thickness	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		Bedding thickness	0.8	1.0	1.1	1.2	1.4	1.6	1.9	2.2	2.2
		Armour wire diameter	0.9	0.9	1.25	1.25	1.6	1.6	2.0	2.5	2.5
		Sheath thickness	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.5	2.5
		Overall diameter	9.5	13.1	16.4	20.1	29.7	33.1	41.0	56.0	56.0
		Weight kg/km	200	290	540	770	1430	1900	3010	5660	5660
		BATT Part No	40345	40346	40347	40348	-	-	-	-	-