



### ESI Cable 09-6 Unscreened and Armoured PVC RP 0.9mm

<b>Application:</b>	Suitable as telemetry cable
<b>Conductors:</b>	Plain annealed solid copper 1/0.9mm (0.64sqmm)
<b>Insulation:</b>	PVC
<b>Bedding:</b>	PVC
<b>Armour/Protection:</b>	SWA (Single wire armour)
<b>Sheath:</b>	PVC RP to ESI-09-06, RP 0130/LHCL 15%
<b>Colour:</b>	Black
<b>Voltage:</b>	110v
<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 fire test BSEN50266-1:2001 (previously BS4066 Part 3)
<b>Conductor identification:</b>	Generally in accordance with ESI 09-6

Multi pair cables	Conductor size (mm)	No of pairs	Nominal dimensions (mm), weights and part numbers									
			2	5	10	15	20	25	30	40	50	
ESI 09-6  PVC insulated steel wire armoured PVC RP sheathed	1/0.9mm PVC RP Issue 5	Conductor diameter	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
		Insulation thickness	0.3	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	1.2	1.3	1.4	1.4	1.4	1.6
		Armour wire diameter	0.9	0.9	1.25	1.25	1.25	1.6	1.6	1.6	1.6	1.6
		Sheath thickness	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9
		Overall diameter	10.10	14.10	18.60	21.0	22.70	25.4	26.7	29.3	29.3	32.60
		Weight kg/km	250	350	650	800	1000	1250	1400	1700	1700	2000
		BATT Part No	-	-	-	40292	40293	-	-	-	-	40296