

ESI 09-6 PVC/PVC/SWA/PVC RP & XLPE/LSZH/SWA/LSZH

Solid tinned annealed copper conductors, PVC insulated/PVC bedded/Steel Wire Armoured/PVC RP sheathed or XLPE insulated/LSZH/SWA/LSZH sheathed. 110 volts grade a.c or 150 volts grade d.c to ESI 09-6 (where applicable). Sheath Colour: Black.

MULTIPAIR CABLES	CONDUCTOR SIZE (MM)	NO OF PAIRS	NOMINAL DIMENSIONS (MM), WEIGHTS & PART NUMBERS							
			2	5	10	20	40	60	100	200
PVC INSULATED STEEL WIRE ARMOURED PVC RP SHEATHED	1/0.8mm PVC RP Issue 6	Conductor diameter	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
		Bedding thickness	0.8	1.0	1.1	1.2	1.4	1.6	1.9	2.2
		Armour wire diameter	0.9	0.9	1.25	1.25	1.6	1.6	2.0	2.5
		Sheath thickness	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.5
		Overall Diam	9.5	13.10	16.40	20.10	29.70	33.1	41.0	56.0
		Weight Kg/KM	200	290	540	770	1430	1900	3010	5660
		Part Number	40335	40338	40339	40340				
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
		Insulation thickness	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
		Armour wire diameter	0.9	0.9	1.25	1.25	1.6	1.6	2.0	2.5
		Sheath thickness	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.5
		Overall Diam	9.5	13.10	16.40	20.10	29.70	33.1	41.0	56.0
		Weight Kg/KM	200	290	540	770	1430	1900	3010	5660
		Part Number		40346	40347	40348				

Operating Temperature: PVC Maximum 70°C, Minimum bending 0°C
LSZH Maximum 90°C, Minimum bending -15°C

Minimum bending radius: 8 x overall diameter.

Oxygen Index: PVC 30%, HCL emissions 15% maximum.
LSZH HCL emissions 0.5% in accordance with BS6424: Pt1,
Completed cables comply with the requirements of fire test BSEN50266-1:2001
(previously BS4066 Part 3)

Conductor Identification: Generally in accordance with ESI 09-6



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