

## PVC/PVC/SWA/PVC ESI 09-6

Stranded plain annealed copper conductors, PVC insulated/PVC extruded bedded/Steel wire armoured/PVC sheathed. Flame Retardant. 600/1000 volts grade to ESI 09-6 Section 2 Table 2.1 where applicable or generally to ESI 09-6 Section 2 Table 2.1. Also conforms to BSEN50266-1:2001 (previously BS4066 Part 1), where applicable.

SIZE SQ.MM	NUMBER OF CORES	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION	DIAMETER OVER LAID UP CORES MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	APPROX OVERALL DIAMETER MM	WEIGHT KG/KM
1.5	2	1.59	0.6	5.6	0.8	7.2	0.9	9.1	11.5	280
1.5	3	1.59	0.6	6.0	0.8	7.6	0.9	9.6	12.6	325
1.5	4	1.59	0.6	6.8	0.8	8.4	0.9	10.4	13.4	370
1.5	7	1.59	0.6	8.4	0.8	10.1	0.9	12.7	15.9	494
1.5	12	1.59	0.6	11.7	0.8	13.4	1.25	16.0	19.2	800
1.5	19	1.59	0.6	14.0	0.8	15.7	1.25	18.6	22.2	1008
1.5	27	1.59	0.6	17.3	1.0	19.4	1.6	22.7	26.3	1514
1.5	37	1.59	0.6	19.6	1.0	21.7	1.6	25.0	28.8	1770
2.5	2	2.01	0.7	7.3	0.8	8.9	0.9	10.8	13.6	381
2.5	3	2.01	0.7	7.8	0.8	9.4	0.9	11.3	14.1	422
2.5	4	2.01	0.7	8.7	0.8	10.3	0.9	12.2	15.0	483
2.5	7	2.01	0.7	10.8	0.8	12.4	1.25	15.0	18.0	755
2.5	12	2.01	0.7	14.8	0.8	16.4	1.25	19.1	22.3	1040
2.5	19	2.01	0.7	17.8	1.0	19.8	1.6	23.2	26.6	1570
2.5	27	2.01	0.7	21.9	1.0	23.9	1.6	27.3	30.7	2030
2.5	37	2.01	0.7	24.8	1.0	26.8	1.6	30.2	34.0	2500

**Conductor Identification:** White insulation with Black numerals.  
**Minimum bending radius:** 6 x overall diameter.

**BW Brass indoor glands.**

