

## ESI 09-6 AUX RP-LHCL PVC

### PVC/PVC/SWA/PVC F.R ESI RP-LHCL

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.

**BW Brass indoor glands**

**Combustion characteristics:**

Oxygen Index: 30 Minimum.

Hydrogen Chloride (HCL) emission: 15% maximum.

**Minimum bending radius:** 6 x overall diameter.



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Telephone: +44 (0)121 508 6890

Fax: +44 (0)121 508 6891

Web: [www.cablesbritain.com](http://www.cablesbritain.com)

Email: [sales@cablesbritain.com](mailto:sales@cablesbritain.com)