

XLPE/LSF/AWA/LSF (COPPER) BS6724

Single core plain annealed copper conductor, XLPE insulated/LSF extruded bedded/Aluminium wire armoured/LSF sheathed. 600/1000 volts grade to BS6724

SIZE SQ.MM	MAXIMUM DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	DIAMETER OVER CORE 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
50	8.90	1.0	10.9	0.8	12.6	0.9	14.5	17.5	708
70	10.70	1.0	12.9	0.8	14.6	1.25	17.1	20.2	970
95	12.60	1.1	14.8	0.8	16.4	1.25	19.0	22.3	1240
120	14.21	1.2	16.7	0.8	18.4	1.25	21.0	24.2	1510
150	15.75	1.4	18.6	1.0	20.7	1.6	24.0	27.4	1930
185	17.64	1.6	20.9	1.0	23.0	1.6	26.3	30.0	2330
240	20.25	1.7	23.8	1.0	25.9	1.6	29.2	32.8	2900
300	22.68	1.8	26.4	1.0	28.5	1.6	31.8	35.6	3530
400	25.65	2.0	29.8	1.2	32.3	2.0	36.4	40.4	4690
500	28.80	2.2	33.3	1.2	35.8	2.0	39.9	44.2	5740
630	32.76	2.4	37.7	1.2	40.2	2.0	44.3	48.8	7150
800	37.05	2.6	42.4	1.4	45.3	2.5	50.4	55.4	9300
1000	41.60	2.8	47.3	1.4	50.2	2.5	55.3	60.6	11500

Conductor stranding: Class 2 - stranded circular or circular compacted.

Operating temperature: Maximum 90°C, Minimum bending -20 °C.

Conductor identification: Black

Minimum bending radius: 6 x overall diameter.

Combustion Characteristics:

Oxygen index: 35 (Temperature index 280°C).

HCL emission 0.5% in accordance with BS6425 part 1

Low smoke classification based on 3 metre cube test.

Completed cables comply with the requirements of fire test BSEN50266-1:2001 (previously BS4066)



Date created: 02.04.2003

Telephone: +44 (0)121 508 6890

Fax: +44 (0)121 508 6891

Web: www.cablesbritain.com

Email: sales@cablesbritain.com