

6181 LSF LOW SMOKE & FUME DOUBLE INSULATED

Plain annealed stranded copper conductor, XLPE insulated/ LSF sheathed, 600/1000 volts grade to IEC 502 (where applicable).

SIZE SQ.MM	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	DIAMETER OVER CORE MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
25	6.40	0.9	8.2	11.0	315
35	7.50	0.9	9.3	12.1	420
50	8.90	1.0	11.1	14.2	590
70	10.70	1.1	13.2	16.4	810
95	12.60	1.1	15.0	18.3	1060
120	14.98	1.2	17.6	21.2	1340
150	15.96	1.4	19.0	22.8	1660
185	17.78	1.6	21.3	25.1	2030
240	20.52	1.7	24.3	28.4	2600
300	22.86	1.8	26.8	31.0	3210
400	25.74	2.0	30.1	34.8	4240
500	28.80	2.2	33.6	38.5	5260
630	33.02	2.4	38.3	43.4	6600

Conductor Stranding: Class 2 Stranded

Operating Temperature: Maximum 90°C Minimum flexing -15°C

Minimum bending radius: Diameter up to 25mm: 4 x overall diameter.
Diameter over 25mm : 6 x overall diameter

Combustion Characteristics: HCL emission maximum 0.5% in acc with BS6425 Part 1. Complete cables comply with the requirements of fire test BS4066: pt1



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