

6181XY DOUBLE INSULATED SURFACE WIRING

Plain annealed copper conductor, XLPE insulated/PVC 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
6	3.12	0.7	4.5	7.3	104
10	4.05	0.7	5.5	8.3	150
16	5.10	0.7	6.5	9.3	214
25	6.40	0.9	8.2	11.0	317
35	7.50	0.9	9.3	12.1	420
50	8.90	1.0	11.1	14.2	560
70	10.70	1.1	13.2	16.4	787
95	12.60	1.1	15.0	18.3	1050
120	14.98	1.2	17.6	21.2	1450
150	15.96	1.4	19.0	22.8	1650
185	17.78	1.6	21.3	25.1	2030
240	20.52	1.7	24.3	28.4	2660
300	22.86	1.8	26.8	31.0	3250
400	25.74	2.0	30.1	34.8	4100
500	28.80	2.2	33.6	38.5	5100
630	33.02	2.4	38.3	43.4	6630

Conductor Stranding: Class 2 stranded circular or circular compacted.

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



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