

Product Specifications



TWIN AND EARTH CABLE

Standard

- BS EN 50525-2-31
- Voltage: 300/500V

Construction

- Voltage U_0/U 220V
- Max. Permissible Continuous Operation Temperature of The Conductor: 70°C
- The Ambient Temperature Under Installation Should Not Below 0°C
- Impedance (ohms): 100±2ohm

Application

- Twin and earth cable is suitable for household electrical appliances, small electric power tools, instruments and apparatuses and lighting devices, AC rated voltage up to and including 300/500V 450/700V, which is used for connecting power line.

Twin and earth cable						
No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal overall dimensions		Circuit protective conductor	Nominal Weight
			lower limit	upper limit		
Nox mm ²	mm	mm	mm	mm	mm ²	kg/km
1 × 1.0	0.6	0.9	4x5.1	5.2x6.4	1	45



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1 × 1.5	0.7	0.9	4.4x5.4	5.8x7.0	1.5	55
2 × 1.0	0.6	0.9	4 × 7.2	4.7 × 8.6	1	68
2 × 1.5	0.7	0.9	4.5x8.4	5.6x10	1.5	90
2 × 2.5	0.8	1	5.2x9.8	6.6x12.0	2.5	125
2 × 4	0.8	1	5.6x10.5	7.2x13.0	4	175
2 × 6	0.8	1.1	6.4x12.5	8.0x15.0	6	240
2 × 10	1	1.2	7.8x15.5	9.6x19.0	10	390
2 × 16	1	1.3	9.0x18.0	11.0x22.5	16	560
3 × 1.0	0.6	0.9	4x9.6	4.7x11.0	1	91
3 × 1.5	0.7	0.9	4.4x10.5	5.4x12.5	1.5	115
3 × 2.5	0.8	1	5.2x12.5	6.2x14.5	2.5	170
3 × 4	0.8	1.1	5.8x14.5	7.4x18.0	4	250
3 × 6	0.8	1.1	6.4x16.5	8.0x20.0	6	340
3 × 10	1	1.2	7.8x21.0	9.6x25.5	10	540
3 × 16	1	1.3	9.0x24.5	11.0x29.5	16	790