

COPPER OVERHEAD LINE (STRANDED)

SPECIFICATION: BS 7884

TYPE: COHL

IDENTIFICATION: C: Copper
OH: Overhead
L: Line (conductor)

APPLICATION: For use in earthing of electrical installations, in lightning protection and for over head lines distribution.

DIMENSIONAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA mm | CONDUCTOR OR NUMBER X DIAMETER OF WIRE mm | APPROXIMATE OVERALL DIAMETER mm | MAXIMUM CURRENT RATING A | WEIGHT kg/ STANDARD LENGTH kg | STANDARD DELIVERY LENGTH m | DELIVERY FORM drum |
|------------------------------------|--|------------------------------------|-----------------------------|-------------------------------------|-------------------------------|-----------------------|
| | | | in air | | | |
| 6 | 7/1.04 | 3.1 | 40 | 540 | 10000 | R8 |
| 10 | 7/1.35 | 4.1 | 67 | 181 | 2000 | R8 |
| 16 | 7/1.70 | 5.1 | 93 | 286 | 2000 | R10 |
| 25 | 7/2.14 | 6.42 | 118 | 437 | 2000 | R10 |
| 35 | 7/2.50 | 7.5 | 148 | 619 | 2000 | R10 |
| 50 | 19/1.87 | 8.9 | 186 | 876 | 2000 | R10 |
| 50 | 7/3.00 | 9.0 | 186 | 892 | 2000 | R10 |
| 70 | 19/2.14 | 10.7 | 229 | 1192 | 2000 | R10 |
| 95 | 19/2.52 | 2.6 | 281 | 1689 | 2000 | R12 |
| 120 | 19/2.80 | 14.0 | 326 | 2646 | 2500 | R14 |
| 150 | 37/2.25 | 15.8 | 377 | 2670 | 2000 | R14 |
| 185 | 37/2.52 | 17.6 | 433 | 3296 | 2000 | R16 |
| 240 | 61/2.25 | 20.3 | 518 | 2205 | 1000 | R14 |
| 300 | 61/2.52 | 22.7 | 592 | 2722 | 1000 | R14 |
| 400 | 61/2.85 | 25.7 | 710 | 3638 | 1000 | R16 |
| 500 | 61/3.23 | 29.1 | 821 | 4544 | 1000 | R18 |
| 630 | 91/2.97 | 32.7 | 1035 | 2874 | 500 | R16 |
| 800 | 127/2.85 | 37.1 | 1310 | 2966 | 400 | R18 |
| 1000 | 127/3.20 | 41.6 | 1640 | 2337 | 250 | R20 |