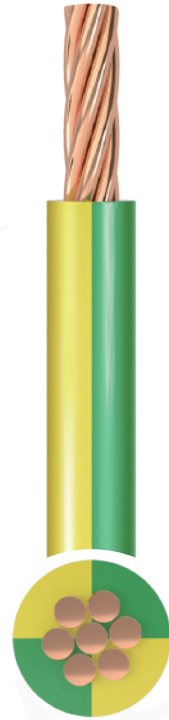


H07V-R Earth Cable

Cu/PVC 450/750V



01 | APPLICATION:

H07V-R is suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

02 | CONSTRUCTION:

Conductor: Plain annealed stranded copper/IEC 60228, Class 2
Insulation: Polyvinyl Chloride (PVC)

Insulation color: ● Green/Yellow ● Black ● Blue ● White
● Brown ● Grey or Others

03 | CHARACTERISTICS:

Rated voltage U_0/U : 450/750V
Test Voltage: 2.5kV for 5 minutes
Insulation resistance: 10 M Ω xKM

04 | STANDARDS:

Flame-resistant test
acc. to EN 60332-1-2

DIMENSIONS

| NOM. CROSS SECTION AREA mm ² | THICKNESS OF INSULATION mm | NOM. OVERALL DIAMETER mm | NOM. WEIGHT kg/km | RESISTANCE OF CONDUCTOR AT 20°C Ω/km |
|--|-------------------------------|-----------------------------|----------------------|---|
| 1.5 | 0.7 | 2.9 | 22 | 12.1 |
| 2.5 | 0.8 | 3.6 | 32 | 7.41 |
| 4 | 0.8 | 4.1 | 50 | 4.61 |
| 6 | 0.8 | 4.7 | 71 | 3.08 |
| 10 | 1.0 | 5.9 | 110 | 1.83 |
| 16 | 1.0 | 6.8 | 164 | 1.15 |
| 25 | 1.2 | 8.4 | 256 | 0.727 |
| 35 | 1.2 | 9.4 | 346 | 0.524 |
| 50 | 1.4 | 11.0 | 473 | 0.387 |
| 70 | 1.4 | 12.7 | 674 | 0.268 |
| 95 | 1.6 | 14.7 | 913 | 0.193 |
| 120 | 1.6 | 16.2 | 1150 | 0.153 |
| 150 | 1.8 | 18.1 | 1416 | 0.124 |
| 185 | 2.0 | 20.2 | 1749 | 0.0991 |
| 240 | 2.2 | 22.9 | 2317 | 0.0754 |
| 300 | 2.4 | 25.2 | 3049 | 0.0601 |
| 400 | 2.6 | 28.4 | 3657 | 0.0470 |
| 500 | 2.8 | 31.8 | 4700 | 0.0366 |
| 630 | 2.8 | 38.1 | 5890 | 0.0283 |