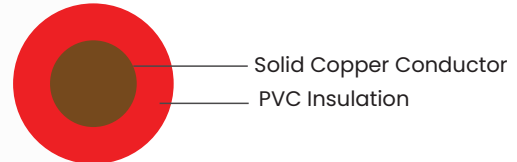


SINGLE CORE (CLASS 1)

UNSHEATHED BUILDING WIRE 450/750V: 90°C

| | |
|------------------------------|--|
| Application | : Can be Used in Common Wiring, Industrial Wiring Conduit , Protected Installation in Switchgear, Lighting and Appliances. |
| Standards | : IEC 60227-3 & BS EN 50525-2-31 (H07V2-U) |
| Conductor | : Solid (Class 1) Annealed Plain Copper Conductors to IEC / EN 60228 |
| Insulation | : PVC (Polyvinyl Chloride) TI-3 Rated at 90°C as per EN 50363-3 |
| Insulation Colour | : Red, Yellow, Blue, Black, Green / Yellow & Other Colour Available as per Requirement |
| Voltage Rating | : 450/750 V |
| Max. Permissible | : During Normal Operation - 70°C |
| Conductor Temperature | : During Short Circuit Condition - 160°C |
| Flame Retardant | : IEC 60332-1-2 |



PVC Insulated Non Sheathed Single Core Cables, Rated Voltage 450/750V

| Catalogue Number | Nominal Cross Section Area | Nominal Insulation Thickness | Approx. Overall Diameter | Current Rating in Air | Maximum DC Resistance at 20°C | Minimum Insulation Resistance at rated temperature | Approx. Weight of Finished Cable |
|-------------------|----------------------------|------------------------------|--------------------------|-----------------------|-------------------------------|--|----------------------------------|
| | SQ.MM | MM | MM | Ampere(A) | Ohm/Km | MΩ-km | Kg/Km |
| NBW*C90YSC0015S07 | 1.5 | 0.7 | 2.8 | 18 | 12.1 | 0.011 | 21 |
| NBW*C90YSC0025S07 | 2.5 | 0.8 | 3.4 | 25 | 7.41 | 0.010 | 32 |
| NBW*C90YSC0040S07 | 4.0 | 0.8 | 3.9 | 33 | 4.61 | 0.0087 | 50 |
| NBW*C90YSC0060S07 | 6.0 | 0.8 | 4.4 | 43 | 3.08 | 0.0074 | 70 |
| NBW*C90YSC0100S07 | 10.0 | 1.0 | 5.7 | 59 | 1.83 | 0.0072 | 114 |

Notes: N(*) Add Core Colour

Cables can be Supplied in Coil/Reel/Drum with Meters/Yards/Feet.

The above data is indicative & may be changed without prior information.