

FLEXIBLE SINGLE CORE

UNSHEATHED BUILDING WIRE 300/500V: 90°C

| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | : Can be Used for Panel Wiring in Switch Controls, Industrial Wiring Conduit and Fixed, Protected Installation in Switchgear, Lighting and Appliances. |
| Standards | : IEC 60227-3 & BS EN 50525-2-31 (H05V2-K) |
| Conductor | : Flexible (Class 5) 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 | : 300/500 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 300/500V

| 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*C90YSC0005F05 | 0.5 | 0.6 | 2.2 | 6 | 39.0 | 0.013 | 10 |
| NBW*C90YSC0075F05 | 0.75 | 0.6 | 2.4 | 9 | 26.0 | 0.011 | 13 |
| NBW*C90YSC0010F05 | 1.00 | 0.6 | 2.6 | 14 | 19.5 | 0.01 | 16 |

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.