

## SINGLE CORE (CLASS 2)

### UNSHEATHED BUILDING WIRE 300/500V: 90°C

<b>Application</b>	: Can be Used in Common Wiring, Industrial Wiring Conduit , Protected Installation in Switchgear, Lighting and Appliances.
<b>Standards</b>	: BS EN 50525-2-31 (H05V2-R)
<b>Conductor</b>	: Stranded (Class 2) Annealed Plain Copper Conductors to EN 60228
<b>Insulation</b>	: PVC (Polyvinyl Chloride) TI-3 Rated at 90°C as per EN 50363-3
<b>Insulation Colour</b>	: Red, Yellow, Blue, Black, Green / Yellow & Other Colour Available as per Requirement
<b>Voltage Rating</b>	: 300/500 V
<b>Max. Permissible</b>	: During Normal Operation - 70°C
<b>Conductor Temperature</b>	: During Short Circuit Condition - 160°C
<b>Flame Retardant</b>	: 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*C90YSC0005ST05	0.5	0.6	2.1	6	36.0	0.014	9
NBW*C90YSC0075ST05	0.75	0.6	2.3	9	24.5	0.012	13
NBW*C90YSC0010ST05	1.00	0.6	2.5	14	18.1	0.011	15

**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.