

## FLEXIBLE SINGLE CORE

### UNSHEATHED BUILDING WIRE 450/750V: 90°C

<b>Application</b>	:	Can be Used for Panel Wiring in Switch Controls, Industrial Wiring Conduit and Fixed, Protected Installation in Switchgear, Lighting and Appliances.
<b>Standards</b>	:	IEC 60227-3 & BS EN 50525-2-31 (H07V2-K)
<b>Conductor</b>	:	Flexible (Class 5) Annealed Plain Copper Conductors to IEC / 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>	:	450/750 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 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*C90YSC0015F07	1.5	0.7	3.0	18	13.3	0.010	21
NBW*C90YSC0025F07	2.5	0.8	3.6	26	7.98	0.0095	31
NBW*C90YSC0040F07	4	0.8	4.2	34	4.95	0.0078	52
NBW*C90YSC0060F07	6	0.8	4.8	44	3.30	0.0068	75
NBW*C90YSC0100F07	10	1.0	6.1	61	1.91	0.0065	120
NBW*C90YSC0160F07	16	1.0	7.5	82	1.21	0.0053	180
NBW*C90YSC0250F07	25	1.2	9.6	113	0.780	0.0050	280
NBW*C90YSC0350F07	35	1.2	11.1	136	0.554	0.0043	370

**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.