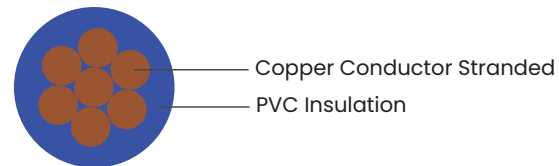


SINGLE CORE (CLASS 2)

UNSHEATHED BUILDING WIRE 450/750V: 70°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 (H07V-R)
Conductor	: Stranded (Class 2) Annealed Plain Copper Conductors to IEC / EN 60228
Insulation	: PVC (Polyvinyl Chloride) TI-1 Rated at 70°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



NEELKANTH CABLES

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*CYSC0100DST07	10	1.0	5.8	59	1.83	0.0067	114
NBW*CYSC0160DST07	16	1.0	6.6	87	1.15	0.0056	170
NBW*CYSC0250DST07	25	1.2	8.2	116	0.727	0.0053	265
NBW*CYSC0350DST07	35	1.2	9.3	139	0.524	0.0046	360
NBW*CYSC0500DST07	50	1.4	11.0	171	0.387	0.0046	490
NBW*CYSC0700DST07	70	1.4	12.6	220	0.268	0.0040	680
NBW*CYSC0950DST07	95	1.6	14.8	273	0.193	0.0039	945
NBW*CYSC1200DST07	120	1.6	16.2	313	0.153	0.0035	1170
NBW*CYSC1500DST07	150	1.8	18.1	365	0.124	0.0035	1430
NBW*CYSC1850DST07	185	2.0	20.1	429	0.0991	0.0035	1790
NBW*CYSC2400DST07	240	2.2	22.7	507	0.0754	0.0034	2345
NBW*CYSC3000DST07	300	2.4	25.3	582	0.0601	0.0033	2905
NBW*CYSC4000DST07	400	2.6	28.8	673	0.0470	0.0031	3705
NBW*CYSC5000DST07	500	2.8	32.0	792	0.0366	0.0030	4715
NBW*CYSC6300DST07	630	2.8	35.5	904	0.0283	0.0027	6060
NBW*CYSC8000ST07	*800	2.8	42.7	1030	0.0221	0.0024	7900
NBW*CYSC1000ST07	*1000	3.0	47.6	1154	0.0176	0.0023	9900

Notes: *Non-Compacted circular conductor, other compacted circular conductor
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.
IEC 60227-3 is applicable up to 400SQMM.