

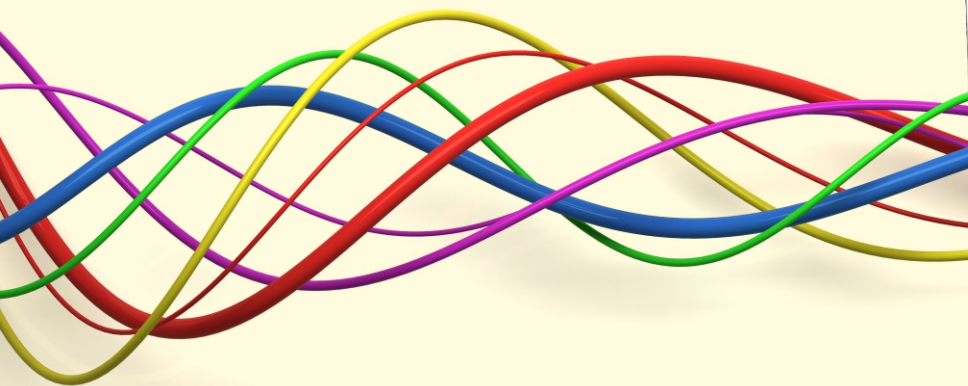
HOUSE WIRE **FR**

Multistrand Single Core Unsheathed Flexible Cables



HOUSE WIRE **FR**

Multistrand Single Core Unsheathed Flexible Cables



PRODUCT CONSTRUCTION :

STANDARD	: IS : 694:2010 & Customer requirements
CONDUCTOR	: Flame Retardant cables are made for Pure Electrolytic Grade, brith annealated bare copper with more than 100% conductivity which makes it an excellent conductor of electricity, thus helps in saving energy.
INSULATION	: The conductor are insulated with a specially formulated Flame Retardant-FR grade PVC compound having high insulation resistance, oxygen, temperature index and dielectric strength which prevents leakage of electric current, its flame retardant properties minimize the spread of fire which ensuring complete safety from shock, short circuits and fires.
KEY APPLICATIONS	: For the wiring of all types of control panel, building, factories, relay racks, surface mounted or embedded conduits trunking, Home Gard wire is used by electrical contractors, electricians, municipalities and all major switch board manufactures.
PACKING	: WONDERFLEX Multi strand wires are available in Red, Yellow, Blue, Black & Green Color, Other colors can be supplied on request.
COLORS	: WONDERFLEX Multi strand wires are available in Red, Yellow, Blue, Black & Green Color, Other colors can be supplied on request. Subject minimum order quantity.
MARKING	: The Cables are Printed with generic Marking "WONDERFLEX"



SINGLE CORE UNSHEATHED FLEXIBLE INDUSTRIAL CABLES IN VOLTAGE GRADE 1100 VOLTS

Nominal cross sectional area of conductor	Number/Nom. Dia of Wire	Nominal Thickness of Insulation	Overall Diameter (Approx)	Current carrying capacity 2 cables, single phase#		Max. Resistance of Conductor per km@20°C
				In conduit/ Trunking	Unenclosed clipped directly to surface or on cable tray	
Sq. mm.	mm	mm	mm	Amps	Amps	Ohms.
0.50	16/0.2	0.6	2.0	4	5	39.0
0.75	24/0.2	0.6	2.3	6	7	26.0
1.0	14/0.3	0.7	2.7	11	12	18.10
1.5	22/0.3	0.7	3.1	13	16	12.10
2.5	36/0.3	0.8	3.7	18	22	7.41
4.0	56/0.3	0.8	4.1	24	29	4.95
6.0	84/0.3	0.8	4.7	31	37	3.30

SINGLE CORE UNSHEATHED FLEXIBLE INDUSTRIAL CABLES IN VOLTAGE GRADE 1100 VOLTS

10	80/0.4	1.0	6.40	42	51	1.91
16	126/0.4	1.0	7.60	57	68	1.21
25	196/0.4	1.2	9.70	71	86	0.780
35	276/0.4	1.2	10.60	91	110	0.554
50	396/0.4	1.4	12.50	120	140	0.386