

BUILDING WIRES

Insulation :

- FR+HR/FRLS-H Insulation compound with a high insulation resistance value (-15°C to +70°C / +90°C/+105°C)

Insulation :

- FR+HR/FRLS-R/ZHFR Insulation compound with a high insulation resistance value (-15°C to +70°C / +90°C / +105°C)

CORE COLOURS :

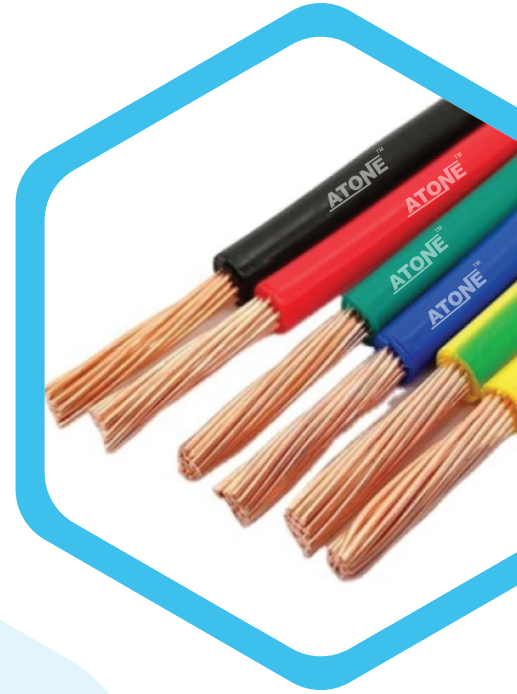
- Green/Yellow, Blue, Black, Brown, Grey, Orange, Pink, Red, Violet, White, Green, Yellow or other colours
- *Any other Color an specific request can also be supplied

STANDARD LENGTH CABLE PACKING :

- Coils 90m & 180 m in carton boxes, reels

FEATURES :

- "FR" PVC Insulate cable
- High Flame retardant properties
- Excellent resistant to moisture, abrasion, grace, oil
- Longer Flex Life
- Excellent mechanical & electrical properties
- Tested by SGS, EIL, RITES, NPC, INTERTEK
- Steam and Boiling water resistant
- "FRLS" PVC Insulated cable
- Better Flame retardant property
- Less Halogen cid gas evolution
- Resistant to tarnishing of copper
- Excellent resistant to moisture, abrasion, grace, oil
- Excellent mechanical & electrical properties



NOTE - The number of wires and diameter mentioned in the table are approximate end nominal; however they shall meet the requirements of conductor resistance as per standards.

In view of continuous improvements in our design and process, the Information, dimensions and specifications given herein are subject to change without notice.

Single Core Industrial Flexible Cable up to 1100V:

NOMINAL CROSS SECTIONAL AREA OF CONDUCTO	Number/Nominal dia of strands	NOMINAL INSULATION THICKNESS	MAX. OVERALL DIAMETER	MAX. CONDUCTOR RESISTANCE AT 20°C	CURRENT		RATING	
					CASING	CONCEALED	AMPS	AMPS
sq.mm	mm	mm	mm	Ohm / km	AMPS	AMPS	AMPS	AMPS
1.0	14/0.30*	0.7	2.8	18.1	14	14	13	13
1.0	22/0.30*	0.7	3.0	12.1	18	18	16	16
1.0	36/0.30*	0.8	3.7	7.41	24	24	20	20
1.0	56/0.30*	0.8	4.2	4.95	32	32	26	26
1.0	84/0.30*	0.8	4.8	3.30	42	42	35	35

FR Properties :

TEST	Specified	Specified Values
Limited Oxygen Index Test	IS 10810-58	IS 10810-58
Limited Temperature Index Test	IS 10810-65	IS 10810-65

FRLS/ZHFR Properties :

TEST	Specified	Specified Values
Limited Oxygen Index Test	ASTM-D 2863	>32%
Limited Temperature Index Test	ASTM-D 2863	>250%
Smoke Density (Light Absorption)	ASTM-D 2843	<50%
Acid Gas Generation	1 EC-607 54-1	<18%