

RADILITE multi-strand single core house wires

Owing to our consistent efforts for quality and providing the best, we have developed exhaustive range of domestic house wires and cables suitable to Indian homes and varied conditions. Manufactured with best quality of conductor (electrolytic grade copper) and finest grade of indigenously developed PVC compound RADILITE wires and cables give maximum safety at no extra cost.

Construction:

Conductor - Bare annealed electrolytic grade copper as per IS:694/ BS 6360.

Insulation - Primary: Virgin grade natural PVC (Type A, C and D).

Secondary: Skin color PVC of type A, C and D.

Standard- IS:694 / 2010

Sizes- 1.0 sq.mm. to 25.0 sq.mm.

Cable Code: Y

*Packing is available in 90 mtr (standard packing), 45 mtr. & 180 mtr. coils.

Colors available: Red, Yellow, Blue, Black and Green.

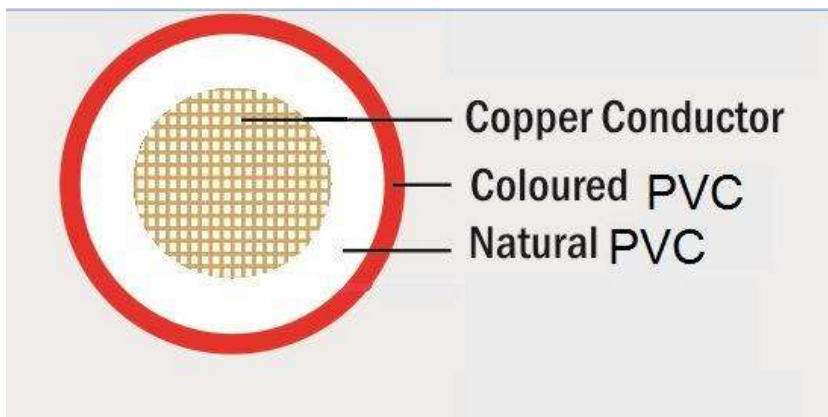
Salient features:

- Electrolytic grade copper having pure and maximum conductivity to ensure maximum safety.
- Bunching of copper in uniform lay and dia., that ensures easy stripping and minimum losses.
- Indigenously developed PVC compound formulated from finest ingredients giving best heat resistant properties.
- High tensile strength of PVC for good load capacity.
- PVC formulated to ensure NO SPREAD OF FIRE.
- Highly insulation resistance and volume resistivity ensuring no leakage of current.
- Highly durable cables with oil resistance.
- Double insulation with primary insulation of Virgin grade PVC coated with thin skin colored PVC.

Application:

PVC insulated multi- strand house wires are used for giving electrical connections to domestic wire fittings, machineries and electrical appliance either in industrial or domestic use.

Cross – sectional view of RADILITE multi-strand house wires:



Technical data sheet for RADILITE multi- strand house wires:

Conductor area (sq.mm.)	No. of strands/size (mm.)	Max.DC resistance at 20 ^o c (ohm/km)	Insulation thickness nominal (mm.)	Cable dia. (mm.)	Current carrying capacity (Amps.)
1.0	14/0.3	19.50	0.70	2.60	13
1.5	22/0.3	13.30	0.70	2.90	17
2.5	36/0.3	7.98	0.80	3.60	24
4.0	56/0.3	4.95	0.80	4.10	30
6.0	84/0.3	3.30	1.00	4.80	38
10.0	140/0.3	1.91	1.00	6.10	52
16.0	126/0.4	1.21	1.20	7.10	70
25.0	196/0.4	0.78	1.20	8.70	88