



HR+LF Cables with 'UNILAY' conductor - upto 1100V



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USP

- India's first Flame Retardant and Heat Resistant P.V.C. cable with Unilay conductor.
- No loose contacts, No broken ends.
- No sparking or overheating.
- Facilitates perfect contacts.
- Minimizes conductive losses.

APPLICATIONS

Suitable for use in conduit and for fixed, protected installation. Ideal for high density wiring.

SPECIFICATIONS

Generally conforms to IS 694, BS 6004, IEC 60227, DIN VDE 0281-3, S-358, IS 8130 & IS 5831, BS 6231.

CONDUCTOR

Thin strands of Electrolytic Copper are multi - drawn simultaneously for uniformity of Resistance, Dimension and Flexibility. The drawn strands are uni-laid in high precision machines and further compacted. A perfectly circular conductor is thus formed. This enables reduction in overall diameter for space saving in high density wiring. The strands do not get cut when stripping the Insulation. The conductor offers perfect contact at pins, terminals and sockets.

INSULATION

Specially formulated Heat Resistant PVC compound is used. A rating of 105°C enables the cable to withstand overloads without compromising safety. Flame Retardant (FR) property retards the propagation of flame. The insulation is resistant to boiling water, steam and vapors.

Sizes, Dimensions and Ratings

Conductor Area Sq. mm	Insulation Thickness mm	Number *Nominal Dia. of Strands	Max. Overall Diameter mm	Conductor Resistance Ohm/km at 20°C (Max.)	Current Rating Amps.	
					Casing	Concealed
1.00	0.6	19/0.26	3.2	18.1	14	13
1.50	0.7	19/0.32	3.4	12.1	18	16
2.50	0.8	37/0.29	4.2	7.41	24	20
4.00	0.8	37/0.37	4.8	4.61	32	26

* Conductor as per IS-8130 : 1984