



Delton

WE CONNECT FOR LIFE

Delton Wire, No Fear Of Fire.



Delton House Wires

- ▶ Fire Retardant-Oxygen Index of min 29 ensure high quality insulation.
- ▶ Made from bright, annealed copper strictly conforming to standards.
- ▶ Concentric Insulation-ideal for conduit wiring.
- ▶ Double Extrusion Process (Skin Colorations) promises double safety.
- ▶ Wires of international quality manufactured from virgin raw materials.
- ▶ Available in various colors.
- ▶ Class II / Class V as per IS.
- ▶ Temp. range upto +70°C.

IS:694:1990



CM/L-0517340

1948-2007

50⁺
Years
of Excellence

An ISO 9001:2000
Certified Company

PVC INSULATED SINGLE UNSHEATHED CABLES

Delton Cables Ltd. is an ISO 9001: 2000 certified company committed to Quality and Customer Satisfaction. Delton provides competence in Cable technology covering measurement, control, communication and power distribution applications for different environmental conditions, as used in exploration, metal, oil, refining or gas processing sites, petrochemical, chemical, power generation, infrastructure, commercial and housing complexes etc.

Delton Fire Retardant House Wires are manufactured in a modern plant from virgin raw materials. The PVC compounding is done in-house with an Oxygen Index of 29 which ensures high quality of Insulation that does not allow fire to spread. The bright, annealed, electrolytic copper strictly conforming to standards is used. The insulation thickness around the copper conductor is equal all around throughout the length making them suitable for conduit wiring.

The double extruded House Wires promises extra safety for high-rise buildings, commercial complexes, multiplexes and residences etc. To ensure the genuineness of the product, the name of the company & size is printed on entire length at regular intervals.

Technical Specifications

As per BS 2004

Nominal SWG Size	Nominal Cond. Diameter mm.	Approx. Overall Diameter		#Current carrying capacity 2 cables, single phase		Cond. Resistance Max. at 20°C Ohm/km.
		250/440V mm.	650/1100V mm	In conduit/ Trucking Amp.	Unclosed-clipped directly to a surface or cable tray Amp.	
1/18	1/1.12	3.0	3.5	10	11	18.10
3/22	3/0.73	3.5	4.0	12	15	14.03
3/20	3/0.91	3.9	4.4	16	20	9.10
7/22	7/0.73	4.1	4.6	19	23	6.00
7/20	7/0.91	4.9	5.4	26	31	3.88
7/18	7/1.12	5.5	6.0	33	40	2.60
7/16	7/1.63	7.0	7.5	52	62	1.22

Standard color : Black, Red, Blue, Yellow and Green (for earthing). Supplied in 90m length coil/roll.
At an ambient temperature of 30 degree Celsius.

As per IS 694-1990 in Voltage Grade 650/1100v

Nominal area of Conductor sq. mm.	Number/No. Dia of Wire (nom.) mm	Thickness of insulation mm	Approx. Overall Dia mm	# Current carrying capacity 2 Cable, Single Phase		Cond. Resistance Max. at 20°C Ohm/km.
				In conduit/ Trucking Amp.	Unclosed-clipped directly to a surface or on cable tray Amp.	
1.0	14/.3*	0.7	2.8	11	12	18.10
1.5	22/.3*	0.7	3.1	13	16	12.10
2.5	36/.3*	0.8	3.8	18	22	7.41
4.0	56/.3*	0.8	4.4	24	29	4.95
6.0	84/.3*	0.8	5.2	31	37	3.30

Standard Color : Black, Red, Blue, Yellow and Green (for earthing). Supplied in 90m length coil/roll.

As per IS 3961 (Part V)-1968 ISI License Number 0517340

*As per conductor class 2 of IS : 8130/1984 ** As per conductor class 5 of IS : 8130/1984

Product Range

- Cable package for GSM system
- PE insulated jelly filled Cables
- LAN Cables
- Teflon insulated high temp Cables
- Compensating Cables
- PVC / XLPE Power / Control Cables
- Zero Halogen Cables
- Single Core Wires
- PVC/PE insulated copper screened multicore/multipair Cables
- PVC insulated indoor Telephone Cables
- Polyurethane sheathed Cables
- Cables for Railway application
- RF and Coaxial Cables
- PVC / XLPE insulated steel wire braided multicore Cables
- Special Cables as per customer requirements
- MCBs
- Isolators
- Distribution Boards
- MCB Changeover Switches

New

Delton Cables Limited

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