

0.6/1 KV. PVC INSULATED CABLES



IEC – 502

BS – 6346

VDE – 0271

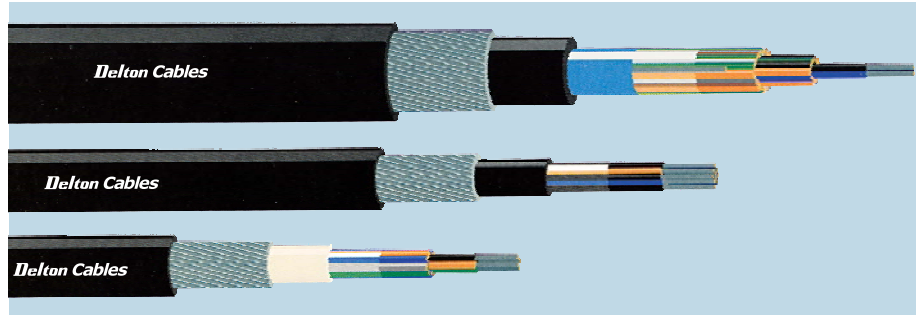
- Application** : Can be used indoors or outdoors in cable duct or tray in power switching stations, Industrial plants and in commercial buildings. Suitable for direct burial where there is no danger of mechanical damage.
- Specifications** : IEC 502, BS-6346 & VDE-0271

CONSTRUCTION		TECHNICAL DATA	
Conductor	Solid copper as per class 1 or stranded copper as per class 2 of IEC-228.	Conductor resistance	As per class 1 or 2 of IEC-228.
Insulation	PVC Type A as per IEC-502.	Working Voltage	600/1 000 Volts
Core colours	Single core : Black 2 Core : Red & Black 3 Core : Red, Yellow & Blue 4 Core : Red, Yellow, Blue & Black 5 Core : Black Cores & above : with Number printing.	Test Voltage	3.5 kV. RMS or 8.4 kV. DC for 5 minutes
Inner covering	Extruded PVC compatible with the operating temperature of the conductor. This inner covering is applicable to cables having conductors of 16mm ² and above.	Temperature	-25°C to +80°C
Outer Sheath	PVC Type ST-1 as per IEC-502. Passes flame retardant test as per IEC-332-1 and IEC-332-3 Cat C.	Bending Radius	Upto 25mm O. D. 4 X Cable diameter Above 25mm O. D. 6 X Cable diameter
		Maximum short circuit temperature	160°C (5 Seconds Max.).

NOTE:-

- ☒ The given picture of the product may differ to its actual in construction/colour.

MULTIPAIR LIGHT CURRENT CONTROL CABLES To ESI 09-6 ISSUE 5



Application : These cables are used with the control indication and alarm equipments where the working voltages does not exceed 110v(AC) or 150v(DC).

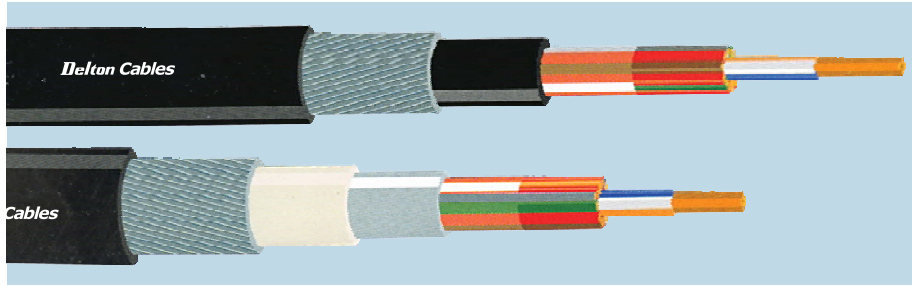
CONSTRUCTION

Conductor	Solid Annealed Tinned Copper Conductor as per IEC-28 in 0.9 mm. and the resistance of the conductor shall be as per the Spec. ESI 09-6.
Insulation	The PVC insulation material and the thickness of the insulation shall be as per spec. ESI 09-6.
Assembly	Colour coded insulated cores twisted into pair and such required number of pairs are cabled as per Spec. ESI 09-6.
Inner sheath (In case of armoured Cables)	The inner sheath material shall be PVC and the thickness as well as the colour of the inner sheath shall be as per spec. ESI 09-6.
Armouring (In case of armoured cables)	The armour material shall be galvanized round steel wire for Armoured type.
Jacket	The Jacket material shall be PVC and the thickness as well as the colour of the jacket shall be as per spec. ESI 09-6.

NOTE:-

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MULTIPAIR LIGHT CURRENT CONTROL CABLES To ESI 09-6 ISSUE 6



Application : These cables are used with the control indication and alarm equipments where the working voltages does not exceed 110v(AC) or 150v(DC).

CONSTRUCTION

Conductor	Solid Annealed Plain Copper Conductor as per IEC-28 in 0.8 mm. and the resistance of the conductor shall be as per the Spec. ESI 09-6.
Insulation	The PVC insulation material and the thickness of the insulation shall be as per spec. ESI 09-6.
Assembly & shielding	Colour coded insulated cores twisted into pair and such required number of pairs are cabled as per Spec. ESI 09-6. The assembly is shielded with an Aluminium Mylar Tape with a solid tinned copper drain wire in contact with Aluminium part of the screen in case if it is required by the customer.
Inner sheath (In case of armoured Cables)	The inner sheath material shall be PVC and the thickness as well as the colour of the inner sheath shall be as per spec. ESI 09-6.
Armouring (In case of armoured cables)	The armour material shall be galvanized round steel wire for Armoured type and in case of Screened & Armoured type for 2P, 5P, 10P the armour shall be round steel wire and for other sizes the armour material shall be galvanized double steel tape.
Jacket	The Jacket material shall be PVC and the thickness as well as the colour of the jacket shall be as per spec. ESI 09-6.

NOTE:-

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