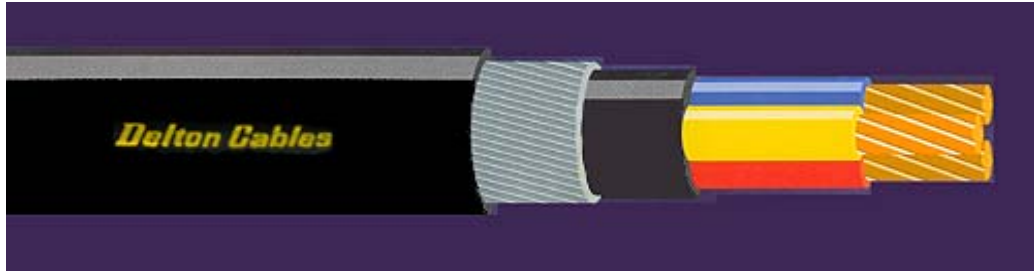


ISO
9001
2000

L.V. PVC INSULATED UNARMoured OR ROUND
WIRE/FLAT STRIP ARMoured CONTROL CABLES
UPTO & INCLUDING 1.1 KV



Application

Can be used in Indoor or Outdoor locations in Cables Ducts, Cable Trays, Conduits or underground buried, under mechanical stresses in Power & Switching stations, local distribution systems, industrial plants and commercial buildings.

Specifications

IS 1554 (I) 1988

CONSTRUCTION		TECHNICAL DATA	
Conductor	Annealed Plain Copper or Aluminium, Solid Class 1 or Stranded Class 2 of IS 8130. Single Core : Upto 1000 Sq.mm Multi Core : 1.5 Sq.mm to 500 Sq.mm	Conductor resistance	As per Table 1 or 2 of IS 8130 as applicable.
Insulation	Extruded PVC Type 'A' or 'C' of IS 5831	Working Voltage	650/1100V
Core Colours	1C : Red, Black, Yellow, Blue or Natural 2C : Red & Black 3C : Red, Yellow, Blue 4C : Red, Yellow, Blue, Black 5C : Red, Yellow, Blue, Black, Grey 6 Core & above : Two adjacent cores (counting & direction core) in each layer Blue & Yellow, remaining cores Grey. Alternatively, all cores of same colour and each core number printed.	Test Voltage	3 KV RMS for 5 minutes between conductors

Insulation Thickness	As per Table 2 of IS 1554 (I)	Bending Radius	Min. 12 x overall dia of cable
Inner Sheath	Extruded PVC Type ST1 or ST2 of IS 5831 or wrapped PVC taped. Minimum thickness shall be as per Table 4 of IS 1554(I). Single core cables have no inner sheath.	Max. Short Circuit Temperature for 1 second	160°C
Armour	Galvanized Steel Round Wire or Flat Strip as per IS 3975. Wire/Strip dimensions shall be as per Table 5 of IS 1554(I). In case of Single core cables, armouring shall be with non-magnetic material.		
Outer Sheath	Extruded PVC Type ST1 or ST2 of IS 1554 (I). Thickness shall be as per Table 7 of IS 1554 (I)		

Note Inner or Outer Sheath may be provided with Fire Retardant/Fire Retardant Low Smoke/Zero Halogen Flame Retardant material as per customer's requirement.

NOTE:-

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



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