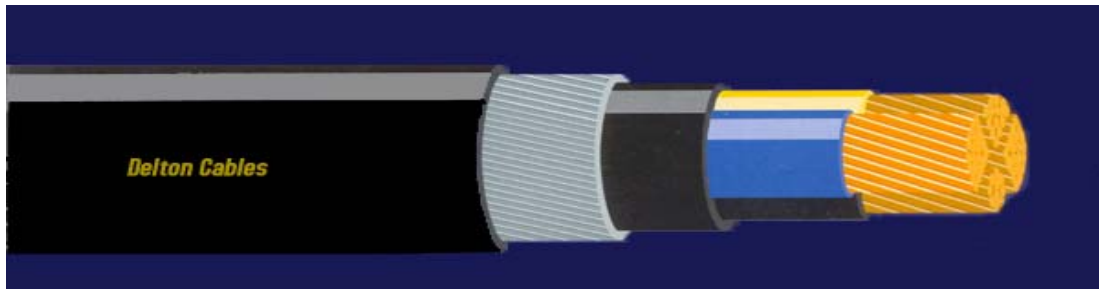


L.V. XLPE INSULATED UNARMoured OR ROUND
WIRE/FLAT STRIP ARMoured POWER CABLES UPTO &
INCLUDING 1.1 KV



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

Specification IS : 7098(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 XLPE of IS 7098 (I)	Working Voltage	650/1100 V
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	Test Voltage	3 KV RMS for 5 minutes between conductor
Insulation Thickness	As per Table 3 of IS 7098 (I)	Bending Radius	Min. 12 x overall dia. of cable

Inner Sheath	Extruded PVC Type ST2 of IS 5831 or wrapped PVC taped. Minimum thickness shall be as per Table 5 of IS 7098 (I) Single core cables have no inner sheath	Max. Short Circuit Temperature for 1 second	250°C
Armour	Galvanised Steel Round Wire or Flat Strip as per IS 3975. Wire/Strip dimensions shall be as per Table 6 of IS 7098 (I) In case of single core cables, armouring shall be with non-magnetic material		
Outer Sheath	Extruded PVC Type ST2 of IS 1554(I) Thickness shall be as per Table 7 of IS 7098(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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