

Technical Data Sheet of Cables



Particulars		
Name of Manufacturer	Delton Cables Ltd., Faridabad , India	
Type of cable	Submersible Flat Cable	
Voltage Grade	1100 V	
Applicable Standard	Generally as per IS 694, IS 8130 & this datasheet	
Cable Size (No. of core x Sq.mm)	3 C x 1.5	3 C x 2.5
Conductor		
Material	Annealed Bare Copper as per IS 8130	
	Conductor area is nominal, and will meet the required resistance value as per IS 8130	
Shape of the conductor	Bunched Flexible (Class 5)	
Insulation		
Material	Extruded PVC type A as per IS 5831	
Nominal thickness (mm)	0.60	0.70
Min. Volume Resistivity (Ohms-cm)	1x10 ¹³ at 27 Deg C	
	1x10 ¹⁰ at 70 Deg C	
Core Identification	Red, Yellow and Blue	
Oversheath		
Material	Extruded PVC type ST1 as per IS 5831	
Nominal Thickness (mm)	0.90	1.00
Max Overall dimensions of the cable in mm (W x H)	(10.7 x 5.3)	(13.0 x 6.2)
Colour	Black	
Electrical Parameters		
Max. d.c. resistance of conductor at 20° C (Ohms/km)	13.30	7.98
Maximum conductor temperature under normal operating conditions (Deg C)	70	
Maximum conductor temperature at the termination of short circuit (Deg C)	160	
Standard Packing Length in meters (+/-5% Tolerance)	In 100 meter coils	
Overall Quantity tolerance	+/-5%	

Note:- The values given above are subject to tolerances as per the relevant standards. In case of any Typographical error /Discrepancy, relevant standards shall be prevailed.