



Technical Data Sheet of Cables		 		
Particulars				
Name of Manufacturer	Delton Cables Ltd., Faridabad , India			
Type of cable	Flexible Cable (Single Core)			
Applicable Standard	Generally as per IS 694, IS 8130, IS 5831			
Voltage Grade	1100 V			
Cable Size (No. of core x Sq.mm)	1 C x 1.5	1 C x 2.5	1 C x 4	1 C x 6
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 D			
Nominal thickness (mm)	0.60	0.70	0.80	0.80
Min. Volume Resistivity (Ohms-cm)	1x10 ¹² at 27 ⁰ C			
	1x10 ⁹ at 70 ⁰ C			
Core Identification	As per requirement			
Max overall diameter of the cable in mm	3.40	4.10	4.80	5.30
Electrical Parameters				
Max. d.c. resistance of conductor at 20° C (Ohms/km)	13.30	7.98	4.95	3.30
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 Coils (100 m)			
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.