

Technical Data Sheet of Cables	
Particulars	
Name of Manufacturer	Delton Cables Ltd., Faridabad , India
Type of cable	Building Wires
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 16 1 C x 25
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)	1.00 1.20
Min. Volume Resistivity (Ohms-cm)	1×10^{12} at 27 ⁰ C
	1×10^9 at 70 ⁰ C
Core Identification	As per requirement
Max overall diameter of the cable in mm	8.10 10.20
Electrical Parameters	
Max. d.c. resistance of conductor at 20° C (Ohms/km)	1.21 0.780
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)	500 / 1000
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.