

# Technical Data Sheet of Cables



<b>Particulars</b>	
<b>Name of Manufacturer</b>	Delton Cables Ltd., Faridabad , India
<b>Type of cable</b>	Speaker Cable
<b>Applicable Standard</b>	Generally as per IS 694, IS 8130, BS EN 50288-7 & this datasheet
<b>Voltage Grade</b>	1100 V
<b>Cable Size (No. of core x Sq.mm)</b>	2 C x 1.5   2 C x 2.5
<b>Conductor</b>	
<b>Material</b>	Annealed Bare Copper as per IS 8130
	Conductor area is nominal, and will meet the required resistance value as per IS 8130
<b>Shape of the conductor</b>	Bunched Flexible (Class 5)
<b>Insulation</b>	
<b>Material</b>	Extruded PVC Type D
<b>Nominal thickness (mm)</b>	0.60   0.70
<b>Core Identification</b>	Red and Black
<b>Screen</b>	
<b>Material</b>	Aluminium Mylar Tape
<b>Minimum Thickness (mm)</b>	0.050
<b>Minimum Coverage (%) / Overlap (%)</b>	100 / 25
<b>Drain Wire</b>	
<b>Material</b>	Stranded Tinned Copper
<b>Size</b>	0.5 Sq.mm (7/0.3 mm)
<b>Oversheath</b>	
<b>Material</b>	Extruded PVC type ST3
<b>Nominal Thickness (mm)</b>	0.90   1.00
<b>Colour</b>	Black
<b>Approx. overall diameter of the cable in mm</b>	8.20   9.70
<b>Electrical Parameters</b>	
<b>Max. d.c. resistance of conductor at 20° C (Ohms/km)</b>	13.30   7.98
<b>Maximum conductor temperature under normal operating conditions (Deg C)</b>	70
<b>Maximum conductor temperature at the termination of short circuit (Deg C)</b>	160
<b>Standard Packing Length in meters (+/-5% Tolerance)</b>	In 100 meter coils
<b>Overall Quantity tolerance</b>	+/-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.**