

M/S. DELTON CABLES LIMITED

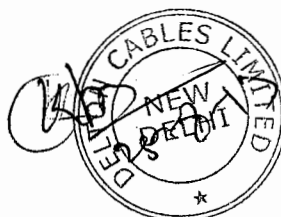
Delton House, 4801, Bharat Ram Road

24 Daryaganj, New Delhi - 1100 02

TECHNICAL PARTICULARS

CUSTOMER : RENEW POWER
ENQUIRY : E-MAIL
OUR OFFER :

S.N.	PARTICULARS	UNIT	0.75Sq.mm (7/0.37mm) (RS 485) Armoured Cable
			2P
	Name of manufacturer		Delton Cables Ltd.
	Standards Applicable		Our Data Sheet
	Voltage grade	V	250 (Peak)
	Temperature Rating	°C	70
1.	CONDUCTOR		
	Material		Annealed Tinned Copper Class-2 as per IS: 8130
	Size	mm ²	0.75
	No. of Strands x dia of Strand	mm	7/0.37
2.	INSULATION		
	Material		Solid Polyethylene
	Colour		White + Blue, White + Orange
	Dia over insulation approx.	mm	Core OD will be such to meet the electrical properties
3.	OVERALL SCREENING		
	Material		Aluminium Mylar Tape
	Thickness of Tape	mm	0.025
	Coverage/Overlap (Min.)	%%	100/25
4	BRAIDING		
	Material		Annealed Tinned Copper
	Coverage (Min.)	%	> 70%
5	INNER SHEATH		
	Material		Extruded PVC Type ST1 of IS-5831
	Thickness (Min.)	mm	0.3
	Colour		Black
6	ARMOURING		
	Material		Galvanized Steel Round Wire
	Size of wire approx.	mm	0.9
5.	OUTER SHEATH		
	Material		Extruded PVC Type 'ST-1' as per IS: 5831
	Thickness (Min.)	mm	1.24
	Approx Dia over Outer Sheath with +/-2mm tolerance	mm	14.6
	Colour		Black
6.	Marking on Outer sheath		Delton Cables Ltd., Voltage grade, No. of Pair x 0.75Sq.mm, RS 485, Year of manufacture & Sequential length at every Mtrs. by printing.
8.	Standard Packing Length with +/- 10% Tolerance	Mtrs	100/200/500/1000
	Overall Quantity Tolerance		+/-10%



S.N.	PARTICULARS	UNIT	0.75Sq.mm (7/0.37mm) (RS 485) Armoured Cable 2P
------	-------------	------	--

9.	ELECTRICAL TEST		
	Max. Conductor resistance at 20 ⁰	Ohms/ Km	26.7
	Approx. Mutual Capacitance at 800Hz	nF/Km	Core to Core - 60 Core to Screen - 100
	High Voltage Test	V	Core to Core = 2000V for 30 seconds Core to Screen 1000 V for 30 seconds
	Characteristic Impedance at 1 MHz	ohms	100 +/-10 Ohm
	<i>Insulation Resistance</i>	M.ohm /Km	5000
	<i>Bending Radius</i>		15 x O D of cable

