

GUARANTEED TECHNICAL PARTICULARS			
Sr. No.	Description	Unit	Particulars
1.00	Manufacture		WAACAB
2.00	Type of Cable		Y
3.00	Applicable Standard		IS 694:2010
4.00	Rated Voltage	Volts	1100 Volts
5.00	Frequency	Hz	50
6.00	Permissible Voltage/Frequency Variation	%	Voltage ± 10 , Frequency ± 5
7.00	Number of Cores	Nos	1
Conductor			
8.10	Material		EC grade High conductivity flexible copper conductor Class 5, As per IS: 8130 - 2013
8.20	Nominal Cross Sectional Area	Sq mm	4.0
8.30	Shape of Conductor		Stranded Round Compacted
8.40	Number of strands/Diameter of strands	No./mm	56/0.260 ($\pm 5\%$ tolerance)
Maximum conductor temperature			
9.10	Continuous Operation	$^{\circ}\text{C}$	70
9.20	Short Circuit Operation	$^{\circ}\text{C}$	160
Insulation			
10.10	Material		FR PVC, As per IS: 5831- 1984
10.20	Nominal Thickness of Insulation	mm	0.80
10.30	Overall Diameter	mm	4.00 (± 0.3 mm)
10.40	Tolerance on Thickness	mm	The Smallest measured values of thickness of Insulation shall not fall below the Nominal value (ti) by more than 0.1mm+0.1mm(ti)
10.50	Color		As per std
10.60	Volume resistivity	$\Omega\text{-cm}$	at 27°C 1×10^{13} Min. and at 70°C 1×10^{10} Min.
Continuous Current rating of the Cable			
11.10	In Air & Ground	Amps	23
11.20	Maximum Permissible Short Circuit Current for 1 Second	KA	0.460
Printing			WAACAB 1C X 4.0 SQ.MM 1100V Y ISI FR Length Marking
Packing			
12.10	Coil Length	mtr	90 MTR Coils
Note: - The values given above are subject to tolerances as per the relevant standards. Datasheet prepared / tech specification designed as per the special requirements of client.			

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