SOLAR CABLE

TECHNICAL DATA

1	**Parameter**	**Specification**	
2	Voltage Rating	AC Systems :- 1200V	DC Systems :- 1500V
3	Short Circuit Temperature	250°C (Referring to period of 5 sec.)	
4	Operating Temperature Range	-40°C to +90°C as per IS 17293	
5	Minimum Bending Radius	Fixed Installation Approx. 4 x cable 0	
6	Product reference standard	IS 17293:2020*	

Size in Sq.mm	Conductor- Number of Strand/Max. strand Dia In mm	Cable OD in mm	Current Rating (Amp)			Max. Conductor Resistance @ 20 Degree (Ohm/Km)
			Single Cable Free in Air	Single Cable on Surface	2 Cable Adjacent on Surface	
1C X 2.5 Sq.mm	*50/0.25*	*5.0*	*41*	*39*	*33*	*8.21*
1CX 4.0 Sq.mm	*56/0.30*	*5.5*	*55*	*52*	*44*	*5.09*
1C X 6.0 Sq.mm	*84/0.30*	*6.0*	*70*	*67*	*57*	*3.39*