



TECHNICAL DATA SHEET

1C X 35.0 Sq. mm. XLPE Insulated & UV Stabilized HR PVC Sheathed (105 Deg. C.), Photovoltaic Cable (Solar Cable) with Multistrand Flexible Tinned Copper conductor (Class-5) for working voltage up to including 1.5 KV DC.

SR. NO.	DESCRIPTION	UNIT	1C X 35.0 SQ.MM.
1.	MAKE		DUSOL
2.	STANDARD APPLICABLE		
3.	RATED VOLTAGE	VOLT	1.5 KV DC
4.	SUITABLE FOR EARTHED OR UNEARTHED SYSTEM		
	CONSTRUCTIONAL DETAILS		
5.	CONDUCTOR		MULTISTRAND FLEXIBLE TINNED COPPER (CLASS - 5). EC GRADE
	NUMBERS OF WIRES AND DIAMETER	NOS./MM	490 X 0.285 (+/- 0.002 mm)
6.	SHAPE SECTOR OF CONDUCTOR		CIRCULAR
7.	INSULATION		
	A) COMPOSITION OF INSULATION		XLPE INSULATON
	B) NOMINAL THICKNESS OF INSULATION	MM	0.90
	C) APPROX DIAMETER OF INSULATION CORE	MM	9.40
	D) MIN. VOLUME RESISTIVITY AT 27 DEG. C.	OHM-CM	BLACK
9.	OUTER SHEATH		
	A) MATERIAL		UV STABILIZED HR PVC (105 DEG. C.)
	B) THICKNESS OF THE OUTER SHEATH (NOM.)	MM	1.10
	C) OUTER SHEATH COLOUR		RED OR BLACK
	D) APPROX OVERALL DIA. OF CABLE (+/- 0.50 MM)	MM	11.90