

**Cable Description :**

1.5kV, D.C, 1 x 6mm<sup>2</sup>, Cu/XLPO/Nylon/XLPO :  
Flexible (Class 5) Copper Tinned conductor, Extruded Halogen Free Special Copolymer Insulation, Nylon, Oversheath  
Extruded Halogen Free Special Copolymer,"UV Stabilised" As per BS EN 50618.



**Notes :**

1) Binder tape/s shall be provided if required/where ever applicable.

<b>Cable Technical Data :</b>		<b>Conductor Electrical Data :</b>	
1) Approx. overall cable diameter :	= 8.2±1.5mm	1) Conductor D.C. resistance at 20°C :	
2) Approx. cable weight :	= 115kg/km		3.39Ω/km
3) Maximum pulling force (N) when pulled by pulling eye		2) Conductor A.C. resistance at 90°C :	
a) Copper Conductor Cable	= 420N		N.A
		3) Conductor short circuit rating :	
4) Cable minimum bending radius (mm)			0.858kA for 1 sec.
a) During Installation	= 53 (mm)	4) Metal Screen earth fault rating, if applicable :	
b) Installed	= 40 (mm)		Not applicable

**KEI Industries Ltd., India**

Prepared :	P.M	Scale :	Not to Scale
Approved :	S.G	Drawing No. :	C-614R/1.5kV, D.C, 1C x 6mm <sup>2</sup>
Date :	21.06.2017	Rev. :	0