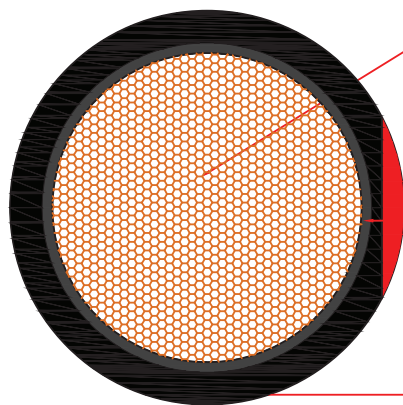


Cable Description :

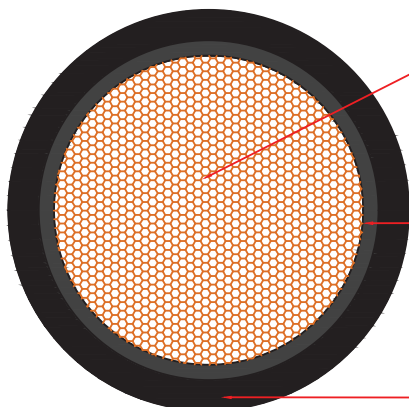
1.5kV, D.C, 1C x 6mm², Cu/XLPO/XLPO :
Flexible (Class 5) Copper conductor, Extruded Halogen Free Special Copolymer Insulation, Oversheath Extruded Halogen Free Special Copolymer "UV Stabilised" , As per BS EN 50618



Conductor : Flexible (Class 5) Circular Tinned Copper
Approx. diameter - 3.2 mm,

Insulation - Extruded Halogen Free Special Copolymer (XLPO) Insulation Black
Thick. - 0.7 mm (nom.)

Over Sheath - Extruded Halogen Free Special "UV Stabilised"
Black with Red strip (Approx Black 90% & Red 10%) Copolymer (XLPO)
sheath Thick. - 0.8 mm (nom.)



Conductor : Flexible (Class 5) Circular Tinned Copper
Approx. diameter - 3.2 mm,

Insulation - Extruded Halogen Free Special Copolymer (XLPO) Insulation Black
Thick. - 0.7 mm (nom.)

Over Sheath - Extruded Halogen Free Special "UV Stabilised"
(black) Copolymer (XLPO) sheath Thick. - 0.8 mm (nom.)

Notes :

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

Cable Technical Data :	Conductor Electrical Data :
1) Approx. overall cable diameter : = 6.6± 1.5mm	1) Conductor D.C. resistance at 20°C :
2) Approx. cable weight : = 93kg/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)	0.858 kA 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 ²
Date :	21.06.2017	Rev. :	0