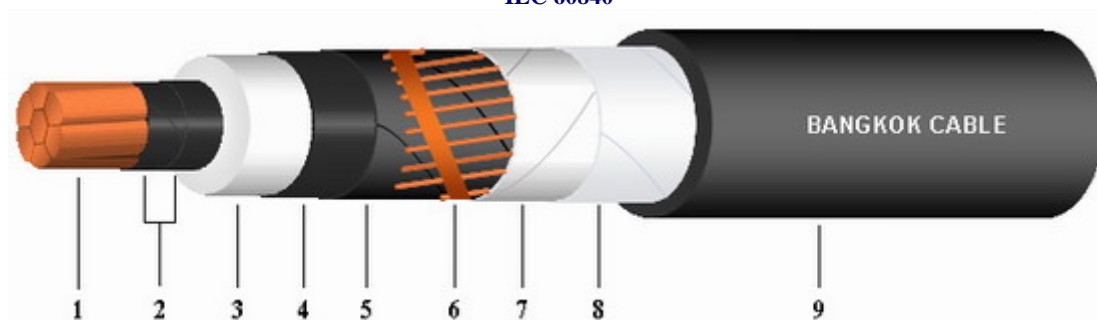


69 kV CE

IEC 60840



Construction :

- | | |
|---------------------------------------|--|
| 1. Conductor | : Compact round stranded annealed copper wires |
| 2. Conductor screen | : Semi-conductive tape with extruded Semi-conductive XLPE compound |
| 3. Insulation | : Cross-linked polyethylene (XLPE) |
| 4. Insulation screen | : Semi-conductive XLPE compound |
| 5. Water blocking tape | : Semi-conductive water blocking tape |
| 6. Metallic screen | : Copper wires and copper contact tape |
| 7. Water blocking and Cushioning tape | : Non-conductive water blocking tape |
| 8. Radial water barrier | : Copolymer aluminium tape |
| 9. Sheath | : Polyethylene (Optional : with RIB) |

Application :

Preferably laid in substations, factories and urban area. The cable shall be suitable for use in ducts, trays and direct burial in ground, subjected to immerse in water all time.

Conductor			Insulation thickness nominal	Diameter over insulation nominal	Cross-Sectional area of Screen	Sheath thickness nominal	Overall diameter (Approx.)	Maximum DC. Conductor resistance	Conductor to screen capacitance nominal	Ampacity in free air at 40°C ambient	Cable weight (Approx.)	Standard length
Size	Number of wires (Min.)	Diameter (Approx.)										
mm ²		mm	mm	mm.	mm ²	mm	mm	ohm/km	mF/km	A	kg/km	m
240	34	18.47	11.0	44.5	120	3.5	63	0.0754	0.195	675	5750	500
300	34	20.68	11.0	46.5	120	3.5	65	0.0601	0.211	775	6450	500
400	53	23.39	11.0	49.5	120	3.5	68	0.0470	0.226	895	7395	500
500	53	26.67	11.0	52.5	120	3.5	71	0.0366	0.249	1040	8620	500
630	53	30.22	11.0	56.5	120	3.5	75	0.0283	0.267	1205	10190	300
800	53	34.00	11.0	60.0	120	3.5	79	0.0221	0.293	1380	12100	300