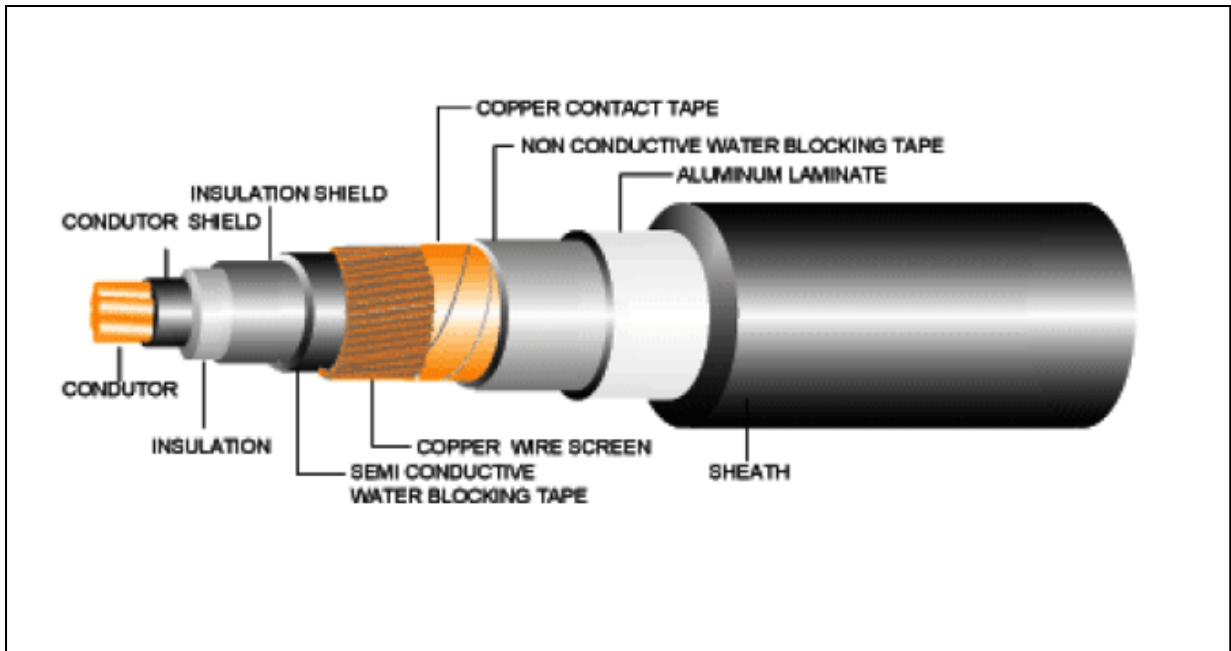

69 KV-CE (CU. WIRE SCREEN)

69 kV 90° C CROSS-LINK POLYETHYLENE INSULATED WITH COPPER WIRE SCREEN
POLYETHYLENE JACKETED POWER CABLE



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	:	Single core
INSULATION	:	Cross-linked polyethylene Color: Natural
SHEATHED	:	Polyethylene
TESTING VOLTAGE	:	90,000 Volts
CLASSIFICATION	:	Maximum conductor temperature 90°C
REFERENCE	:	IEC 60840: 1999



69 KV-CE (CU.WIRE SCREEN)

IEC 60840 Standard

No. of Cores	Size (mm ²)	Conductor Strands min	Conductor diameter approx. mm	Conductor shield thickness nominal mm	Insulation thickness nominal mm	Insulation Shield thickness nominal mm	Copper wire area mm ²	Jacket thickness nominal mm	Overall diameter approx. mm.	Maximum Conductor Resistance at 20 °C Ω/Km	Maximum Current rating In ground (ampere)	Weight Of Cable (approx.) (kg/km)	Standard Packing Length m
1	400/95	53	23.5	1.5	11.0	1.5	95	3.1	66	0.0470	690	1,000	500
	500/95	53	26.7	1.5	11.0	1.5	95	3.2	69	0.0366	785	8,000	300
	630/120	53	30.3	1.5	11.0	1.5	120	3.4	74	0.0283	895	10,000	300
	800/120	53	34.1	1.5	11.0	1.5	120	3.5	78	0.0221	1010	11,500	300

D : Packing in drum

