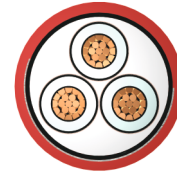
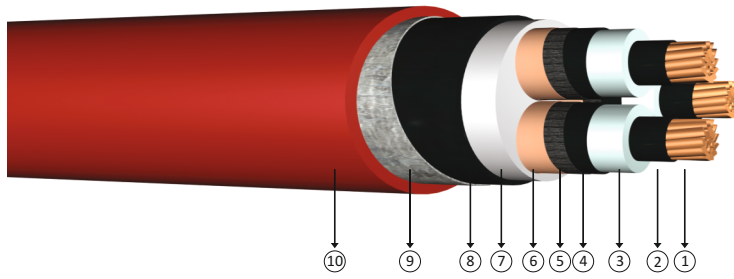


20.3/35 kV or 20.8/36 kV XLPE insulated double steel tape armoured, three core cables with copper conductor



Code: YXC8VZ4V-R, N2XSEYBY, CU/XLPE/CTS/PVC/STA/PVC

R: Stranded Conductor Rigid

Standards: HD 620 S2, TSEK

Technical Data

Max. operating temperature : 90 °C
 Max. short circuit temperature : 250 °C (max. 5 sec.)
 Rated voltage : 20.3/35 kV
 : 20.8/36 kV
 Min. bending radius : 15 x D
 D : Cable outer diameter

Application

These are cables with low dielectric losses used in energy networks with sudden load changes. Laid in residential or industrial areas, underground or in ducts.

Construction

- 1 Stranded copper conductors
- 2 Inner semi conductive layer
- 3 XLPE insulation
- 4 Outer semi conductive layer
- 5 Semi conductive tape
- 6 Copper screen
- 7 Filler
- 8 Inner sheath
- 9 Galvanized double steel tape
- 10 PVC outer jacket

DIMENSION AND WEIGHTS				ELECTRICAL PROPERTIES				
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Operation Inductance (approx)	Operation Capacitance (approx)	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	mH/km	µF/km	In ground at 20 °C	In air at 30 °C
3x35/16	78,0	8900	500	0,524	0,457	0,114	-	-
3x50/16	82,0	10500	500	0,387	0,434	0,124	214	210
3x70/16	87,0	12000	500	0,268	0,410	0,137	261	262
3x95/16	90,0	13500	250	0,193	0,389	0,150	313	319
3x120/16	93,0	15000	250	0,153	0,372	0,163	356	364
3x150/25	97,0	16500	250	0,124	0,360	0,174	400	418
3x185/25	101,0	18500	250	0,0991	0,348	0,188	441	478
3x240/25	105,5	21000	250	0,0754	0,331	0,209	510	562
3x300/25	110,5	24000	200	0,0601	0,321	0,226	-	-
3x400/35	118,5	28000	200	0,0470	0,307	0,251	-	-

Note : Current carrying capacities are valid under the following conditions;
 In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
 In air : 30 °C, load factor 1.0
 Number of system : 1