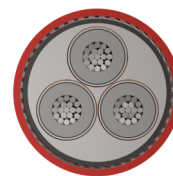
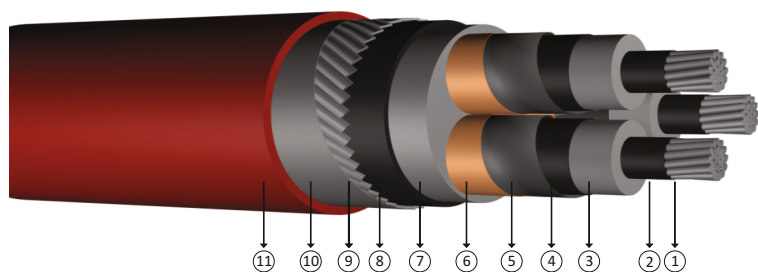




20.3/35 kV or 20.8/36 kV XLPE insulated flat steel wire armoured, three core cables with aluminium conductor



Code: YAXC8VZ3V-R, NA2XSEYFGY

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 aluminium conductor
- 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 flat steel wire
- 10 Galvanized steel tape
- 11 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	8450	1000	0,868	0,471	0,107	-	-
3x50/16	81,0	9000	500	0,641	0,448	0,116	166	164
3x70/16	85,0	9900	500	0,443	0,423	0,127	204	204
3x95/16	89,0	10900	500	0,320	0,401	0,140	244	248
3x120/16	93,0	11800	500	0,253	0,384	0,152	278	284
3x150/25	96,0	12600	500	0,206	0,372	0,161	312	326
3x185/25	100,0	13800	500	0,164	0,359	0,173	343	374
3x240/25	106,0	15500	250	0,125	0,341	0,193	398	440
3x300/25	111,0	17000	250	0,100	0,330	0,207	476	513

Note
 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