

## 0.6/1 kV

**XLPE INSULATED, CONCENTRIC WIRE SCREENED, PVC SHEATHED WITH COPPER CONDUCTOR**



**YXC7V • N2XCY**

<b>Code</b>	YXC7V, N2XCY
<b>Standarts</b>	TS IEC 60502-1, VDE 0276
<b>Construction</b>	Copper Conductor, XLPE Insulation ,PVC Filler , Copper wires screen,Copper tape, PVC Outer Sheath.
<b>Application</b>	These cables have a low dielectric loss, used in energy networks with sudden load change,installed mainly in residential or industrial areas. May be laid outdoors, underground or in ducts.
<b>Technical Datas</b>	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 12*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information		
Nominal cross-section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in	
					Ground(A)	Air(A)
mm <sup>2</sup>	mm	kg/km	cm	ohm/km		
3x10/10 rm	19,0	700	120	1,83	86	73
3x16/16 rm	21,0	920	130	1,15	111	98
3x25/16 rm	25,0	1300	140	0,727	143	126
3x35/16 rm	27,0	1650	160	0,524	173	156
3x50/25 rm	31,0	2220	160	0,387	205	190
3x70/35 rm	36,0	3100	200	0,268	252	245
3x95/50 rm	41,0	4200	230	0,193	303	297
3x120/70 rm	44,0	5200	240	0,153	346	346
3x150/70 rm	48,0	6100	210*	0,124	390	398
3x185/95 rm	54,0	7900	220*	0,0991	441	455
3x240/120 rm	60,0	9950	240*	0,0754	511	535

rm:Stranded conductor

\* For 500 m lenght cables