

## 20.3/35 kV

### XLPE INSULATED GALVANIZED ROUND STEEL WIRE ARMoured MEDIUM VOLTAGE POWER CABLES



## YXC8VZ2V-R N2XSEYRY

<b>Code</b>	YXC8VZ2V-R, N2XSEYRY
<b>Standarts</b>	TS IEC 60502-2, TSE K 204, VDE 0276
<b>Construction</b>	Copper conductor, inner semiconductive layer, XLPE insulation, Outer semiconductive layer, semiconductive tape, copper tape screen, PVC inner sheath, PVC separation sheath, galvanized round steel wires and tape, PVC outer sheath
<b>Application</b>	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial built
<b>Technical Datas</b>	Max. operating temperature 90 °C Max. permissible short circuit temperature 250 °C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery length	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm <sup>2</sup> )	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air (A) at 30 °C
3x35/16 rm	84,0	11600	500	240	0,524	0,47	0,11	175	172
3x50/16 rm	87,0	12600	500	260	0,387	0,45	0,12	205	205
3x70/16 rm	91,0	14000	500	260	0,268	0,42	0,13	252	253
3x95/16 rm	95,0	15600	350	240	0,193	0,40	0,15	305	307
3x120/16 rm	99,0	17000	350	260	0,153	0,39	0,16	350	352
3x150/25 rm	102,0	18800	350	260	0,124	0,37	0,17	392	397
3x185/25 rm	107,0	20800	300	240	0,0991	0,36	0,18	445	453
3x240/25 rm	113,0	23600	250	240	0,0754	0,35	0,20	520	529
3x300/25 rm	118,0	26650	250	260	0,0601	0,29	0,22	580	626
3x400/35 rm	125,0	30950	250	260	0,0470	0,28	0,24	650	720

rm:Stranded conductor