

## 20.3/35 kV

### XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES



## YXC7V(TSE) • N2XSY(VDE) 2XSY(IEC) Cu/XLPE/CWS/PVC(BS)

<b>Code</b>	YXC7V-R (TSE), N2XSY(VDE), 2XSY(IEC), Cu/XLPE/SC/PVC (BS)
<b>Standarts</b>	TS IEC 60502-2, TSE K 204 Teknik Şartname, VDE 0276
<b>Construction</b>	Copper conductor, inner semiconductive layer, XLPE insulation, Outer semiconductive layer, semiconductive tape, copper wires screen, copper tape, Polyester tape, PVC outer sheath.
<b>Application</b>	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builts
<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 lenght	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	
						●●●	●●		●●●	●●	●●●	●●
1x35/16 rm	34,0	1300	1000	180	0,524	0,77	0,51	0,11	200	190	238	198
1x50/16 rm	35,0	1450	1000	190	0,387	0,75	0,49	0,12	240	225	286	238
1x70/16 rm	37,0	1700	1000	190	0,268	0,71	0,46	0,13	300	225	356	296
1x95/16 rm	39,0	2000	1000	200	0,193	0,69	0,44	0,15	360	275	434	361
1x120/16 rm	40,0	2350	1000	210	0,153	0,66	0,42	0,16	420	330	500	417
1x150/25 rm	42,0	2750	1000	210	0,124	0,64	0,41	0,17	475	375	559	473
1x185/25 rm	44,0	3100	1000	220	0,0991	0,63	0,39	0,18	542	420	637	543
1x240/25 rm	47,0	3800	1000	220	0,0754	0,60	0,38	0,20	590	470	745	641
1x300/25 rm	49,0	4500	1000	230	0,0601	0,59	0,37	0,21	620	550	846	735
1x400/35 rm	52,0	5450	500	230	0,0470	0,57	0,35	0,23	670	586	938	845
1x500/35 rm	56,0	6550	500	220	0,0366	0,55	0,34	0,26	770	760	1040	950
1x630/35 rm	60,0	8100	500	220	0,0283	0,52	0,33	0,29	850	840	1120	1040

rm:Stranded conductor