

## 6/10 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, 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	
						●●●	●●●		●●●	●●●	●●●	●●●
1x25/16 rm	22,0	700	1000	140	0,727	0,78	0,45	0,20	182	150	196	163
1x35/16 rm	23,0	800	1000	140	0,524	0,75	0,43	0,22	200	190	238	198
1x50/16 rm	24,0	900	1000	140	0,387	0,73	0,41	0,24	240	225	286	238
1x70/16 rm	26,0	1150	1000	160	0,268	0,69	0,38	0,27	300	275	356	296
1x95/16 rm	27,0	1400	1000	160	0,193	0,66	0,36	0,30	360	330	434	361
1x120/16 rm	29,0	1700	1000	160	0,153	0,64	0,35	0,33	420	375	500	417
1x150/25 rm	31,0	2100	1000	160	0,124	0,62	0,34	0,36	470	420	559	473
1x185/25 rm	33,0	2400	1000	180	0,0991	0,61	0,33	0,39	542	470	637	543
1x240/25 rm	36,0	3000	1000	180	0,0754	0,58	0,32	0,44	590	550	745	641
1x300/25 rm	38,0	3650	1000	190	0,0601	0,56	0,31	0,48	620	586	846	735
1x400/35 rm	41,0	4650	1000	200	0,0470	0,55	0,30	0,53	670	660	938	845
1x500/35 rm	45,0	5650	500	180	0,0366	0,53	0,29	0,59	770	760	1040	950
1x630/35 rm	48,0	7250	500	180	0,0283	0,51	0,28	0,68	850	840	1120	1040

rm:Stranded conductor