

## 3.6/6 kV

### XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINYUM WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES



**YXC7VY2V-R (TSE)**  
**N2XSYR(AL)Y (VDE)**  
**Cu/XLPE/SC/PVC/ AWA/PVC**  
**(BS)**

<b>Code</b>	YXC7VY2V-R (TSE), N2XSYR(AL)Y (VDE), Cu/XLPE/SC/PVC/AWA/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 seperation sheath ,Aluminium round armoure wires, 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	25,0	900	1000	140	0,727	0,77	0,43	0,25	182	150	196	163
1x35/16 rm	26,0	1000	1000	140	0,524	0,75	0,41	0,28	200	190	238	198
1x50/16 rm	27,5	1200	1000	160	0,387	0,72	0,39	0,31	240	225	286	238
1x70/16 rm	29,5	1450	1000	160	0,268	0,68	0,37	0,36	300	275	356	296
1x95/16 rm	31,5	1750	1000	180	0,193	0,65	0,36	0,40	360	330	434	361
1x120/16 rm	33,0	2000	1000	180	0,153	0,63	0,34	0,44	420	375	500	417
1x150/25 rm	35,5	2500	1000	180	0,124	0,62	0,33	0,48	475	420	559	473
1x185/25 rm	37,5	2900	1000	180	0,0991	0,60	0,32	0,52	542	470	637	543
1x240/25 rm	40,0	3500	1000	200	0,0754	0,57	0,30	0,57	590	550	745	641
1x300/25 rm	43,0	4200	1000	200	0,0601	0,56	0,29	0,60	620	586	846	735
1x400/35 rm	48,0	5500	1000	200	0,0470	0,55	0,28	0,63	670	660	938	845
1x500/35 rm	52,0	6600	500	200	0,0366	0,53	0,27	0,67	770	760	1040	950
1x630/35 rm	61.0	8400	500	240	0,0283	0,51	0,29	0,45	850	840	1120	1040

rm:Bükülü iletken