

6/10 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)**

Code	YXC7VY2V-R (TSE), N2XSYR(AL)Y (VDE), Cu/XLPE/SC/PVC/AWA/PVC (BS)
Standarts	TS IEC 60502-2, VDE 0276
Construction	Copper conductor, inner semiconductive layer, XLPE insulation, Outer semiconductive layer, semiconductive tape, copper wires screen, copper tape, Polyester tape, PVC separation sheath, Aluminium round armoured wires, PVC outer sheath
Application	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial built
Technical Datas	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 ²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air (A) at 30 °C	
						●●●	●●		●●●	●●	●●●	●●
1x25/16 rm	27,0	950	1000	140	0,727	0,78	0,45	0,20	182	150	196	163
1x35/16 rm	28,0	1050	1000	140	0,524	0,75	0,43	0,22	200	190	238	198
1x50/16 rm	30,0	1250	1000	160	0,387	0,73	0,41	0,24	240	225	286	238
1x70/16 rm	31,5	1500	1000	160	0,268	0,69	0,38	0,27	300	275	356	296
1x95/16 rm	33,0	1800	1000	180	0,193	0,66	0,36	0,30	360	330	434	361
1x120/16 rm	35,5	2150	1000	180	0,153	0,64	0,35	0,33	420	375	500	417
1x150/25 rm	37,0	2550	1000	180	0,124	0,62	0,34	0,36	475	420	559	473
1x185/25 rm	39,0	2950	1000	180	0,0991	0,61	0,33	0,39	542	470	637	543
1x240/25 rm	42,0	3550	1000	200	0,0754	0,58	0,32	0,44	590	550	745	641
1x300/25 rm	44,0	4250	1000	200	0,0601	0,56	0,31	0,48	620	586	846	735
1x400/35 rm	49,0	5550	1000	220	0,0470	0,55	0,30	0,53	670	660	938	845
1x500/35 rm	52,5	6650	500	200	0,0366	0,53	0,29	0,59	770	760	1040	950
1x630/35 rm	56,5	8050	500	200	0,0283	0,51	0,28	0,68	850	840	1120	1040

rm:Stranded conductor