

18/30 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
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 builts
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	
						●●●	●●		●●●	●●	●●●	●●
1x35/16 rm	39,0	1800	1000	180	0,524	0,77	0,49	0,12	200	190	238	198
1x50/16 rm	40,0	1900	1000	200	0,387	0,75	0,47	0,14	240	225	286	238
1x70/16 rm	42,0	2200	1000	200	0,268	0,71	0,44	0,15	300	275	356	296
1x95/16 rm	45,0	2600	1000	200	0,193	0,69	0,42	0,17	360	330	434	361
1x120/16 rm	47,0	2850	1000	220	0,153	0,66	0,41	0,18	420	375	500	417
1x150/25 rm	48,0	3500	1000	220	0,124	0,64	0,40	0,19	475	420	559	473
1x185/25 rm	50,0	3900	1000	220	0,0991	0,63	0,39	0,21	542	470	637	543
1x240/25 rm	53,0	4600	1000	240	0,0754	0,60	0,37	0,23	590	550	745	641
1x300/25 rm	55,0	5300	1000	240	0,0601	0,59	0,36	0,25	620	586	846	735
1x400/35 rm	59,0	6500	500	220	0,0470	0,57	0,35	0,28	670	660	938	845
1x500/35 rm	63,0	7700	500	220	0,0366	0,55	0,34	0,30	770	760	1040	950
1x630/35 rm	67,0	9100	500	240	0,0283	0,52	0,33	0,33	850	850	1120	1040

rm:Stranded conductor