

20.3/35 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, BS 6622
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	
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1x35/16 rm	41.0	2000	1000	200	0,524	0,77	0,51	0,11	200	190	238	198
1x50/16 rm	42.0	2200	1000	200	0,387	0,75	0,49	0,12	240	225	286	238
1x70/16 rm	44.0	2500	1000	200	0,268	0,71	0,46	0,13	300	275	356	296
1x95/16 rm	47.0	3000	1000	220	0,193	0,69	0,44	0,15	360	330	434	361
1x120/16 rm	48,5	3300	1000	220	0,153	0,66	0,42	0,16	420	375	500	417
1x150/25 rm	50,5	3800	1000	220	0,124	0,64	0,41	0,17	475	420	559	473
1x185/25 rm	52,5	4200	1000	240	0,0991	0,63	0,39	0,18	542	470	637	543
1x240/25 rm	55.0	4850	1000	240	0,0754	0,60	0,38	0,20	590	550	745	641
1x300/25 rm	57.0	5600	1000	240	0,0601	0,59	0,37	0,21	620	586	846	735
1x400/35 rm	61.0	6900	500	220	0,0470	0,57	0,35	0,23	670	660	938	845
1x500/35 rm	65.0	7950	500	240	0,0366	0,55	0,34	0,26	770	760	1010	950
1x630/35 rm	59.0	9850	500	240	0,0283	0,52	0,33	0,29	850	850	1120	1040

rm:Stranded conductor