

3.6/6 kV

XLPE INSULATED GALVANIZED FLAT STEEL WIRE ARMoured MEDIUM VOLTAGE POWER CABLES



YXC8VZ3V-R (TSE)
N2XSEYFGbY(VDE) 2XSEYFGbY(IEC)
Cu/XLPE/SC/PVC/SWA/PVC
(BS)

Code	YXC8VZ3V-R (TSE), N2XSEYFGbY(VDE), 2XSEYFGbY(IEC), Cu/XLPE/SC/PVC/SWA/PVC (BS)
Standarts	TS IEC 60502-2, VDE 0273, IEC 502
Construction	Copper conductor,inner semiconductive layer,XLPE insulation,Outer semiconductive layer,semiconductive tape,copper tape screen,PVC inner sheath,PVC seperation sheath,galvanized steel wires and tape,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
3x25/16 rm	43,0	3250	1000	240	0,727	0,37	0,25	145	143
3x35/16 rm	46,0	3850	1000	200	0,524	0,35	0,28	175	172
3x50/16 rm	48,0	4350	1000	220	0,387	0,34	0,30	205	205
3x70/16 rm	53,0	5450	1000	230	0,268	0,32	0,35	252	253
3x95/16 rm	57,0	6550	500	240	0,193	0,31	0,39	305	307
3x120/16 rm	60,0	7550	500	240	0,153	0,30	0,43	350	352
3x150/25 rm	64,0	8750	500	240	0,124	0,29	0,47	392	397
3x185/25 rm	67,0	10100	500	240	0,0991	0,28	0,50	445	453
3x240/25 rm	74,0	12650	500	240	0,0754	0,27	0,55	520	529
3x300/25 rm	80,0	15050	250	240	0,0601	0,26	0,57	580	626
3x400/35 rm	88,0	19100	250	220	0,0470	0,26	0,59	650	720

rm:Stranded conductor