

18/30 kV

XLPE 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 0276
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
3x35/16 rm	73,0	7800	1000	260	0,524	0,45	0,11	175	172
3x50/16 rm	75,0	8500	500	230	0,387	0,43	0,12	205	205
3x70/16 rm	79,0	9750	500	220	0,268	0,41	0,14	252	253
3x95/16 rm	84,0	11000	500	240	0,193	0,38	0,15	305	307
3x120/16 rm	88,0	12400	500	240	0,153	0,37	0,16	350	352
3x150/25 rm	92,0	13950	500	260	0,124	0,36	0,17	392	397
3x185/25 rm	96,0	15650	350	240	0,0991	0,35	0,18	445	453
3x240/25 rm	102,0	18000	350	240	0,0754	0,33	0,21	520	529
3x300/25 rm	108,0	20800	250	240	0,0601	0,32	0,22	580	626
3x400/35 rm	115,0	24800	250	240	0,0470	0,31	0,25	650	720

rm:Stranded conductor