

20.3/35 kV

XLPE INSULATED GANAVIZED 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)
Standarts	TS IEC 60502-2, TSE K 204, technical specifications, 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	78,0	8330	500	230	0,524	0,47	0,11	175	172
3x50/16 rm	81,0	9060	500	230	0,387	0,45	0,12	205	205
3x70/16 rm	85,0	10410	500	240	0,268	0,42	0,13	252	253
3x95/16 rm	90,0	12420	350	230	0,193	0,40	0,15	305	307
3x120/16 rm	94,0	13840	350	240	0,153	0,39	0,16	350	352
3x150/25 rm	97,0	15150	350	240	0,124	0,37	0,17	392	397
3x185/25 rm	100,0	16670	300	240	0,0991	0,36	0,18	445	453
3x240/25 rm	106,0	19350	250	230	0,0754	0,35	0,20	520	529
3x300/25 rm	113,0	22250	250	240	0,0601	0,29	0,22	580	626
3x400/35 rm	120,0	23250	250	240	0,0470	0,28	0,24	650	720

rm:Stranded conductor