

## 6/10 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)

<b>Code</b>	YXC8VZ3V-R (TSE), N2XSEYFGbY(VDE), 2XSEYFGbY(IEC), Cu/XLPE/SC/PVC/SWA/PVC (BS)
<b>Standarts</b>	TS IEC 60502-2, VDE 0276
<b>Construction</b>	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
<b>Application</b>	Where there is mechanical heavy duties,underground,cable ducts, power distribution cabinets,city network,industrial builts
<b>Technical Datas</b>	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 <sup>2</sup> )	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air (A) at 30 °C
3x25/16 rm	48,0	3750	1000	220	0,727	0,40	0,20	145	143
3x35/16 rm	50,0	4400	1000	220	0,524	0,38	0,22	175	172
3x50/16 rm	53,0	5000	1000	240	0,387	0,36	0,24	205	205
3x70/16 rm	57,0	6000	500	200	0,268	0,34	0,27	252	253
3x95/16 rm	61,0	7250	500	200	0,193	0,32	0,30	305	307
3x120/16 rm	64,0	8250	500	220	0,153	0,31	0,33	350	352
3x150/25 rm	68,0	9500	500	220	0,124	0,30	0,36	392	397
3x185/25 rm	72,0	11000	500	240	0,0991	0,29	0,39	445	453
3x240/25 rm	77,0	13250	350	220	0,0754	0,28	0,44	520	529
3x300/25 rm	83,0	15500	250	220	0,0601	0,27	0,48	580	626
3x400/35 rm	90,0	19400	250	220	0,0470	0,26	0,53	650	720

rm:Stranded conductor