

6/10 kV

XLPE INSULATED GALVANIZED ROUND STEEL WIRE ARMoured MEDIUM VOLTAGE POWER CABLES



**YXC8VZ2V-R
N2XSEYRY**

Code	YXC8VZ2V-R (TSE), N2XSEYRY (VDE)
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 separation sheath, galvanized round 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	52,0	5300	1000	230	0,727	0,40	0,20	145	143
3x35/16 rm	54,0	5800	1000	230	0,524	0,38	0,22	175	172
3x50/16 rm	57,0	6500	1000	240	0,387	0,36	0,24	205	205
3x70/16 rm	61,0	7600	500	200	0,268	0,34	0,27	252	253
3x95/16 rm	65,0	9000	500	210	0,193	0,32	0,30	305	307
3x120/16 rm	69,0	10200	500	220	0,153	0,31	0,33	350	352
3x150/25 rm	72,0	11700	500	230	0,124	0,30	0,36	392	397
3x185/25 rm	78,0	14200	500	240	0,0991	0,29	0,39	445	453
3x240/25 rm	84,0	16800	350	200	0,0754	0,28	0,44	520	529
3x300/25 rm	90,0	19300	250	220	0,0601	0,27	0,48	580	626
3x400/35 rm	97,0	23200	250	240	0,0470	0,26	0,53	650	720

rm:Stranded conductor