

18/30 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
3x35/16 rm	79,0	10650	1000	260	0,524	0,45	0,11	175	172
3x50/16 rm	82,0	11650	500	230	0,387	0,43	0,12	205	205
3x70/16 rm	86,0	13000	500	240	0,268	0,41	0,14	252	253
3x95/16 rm	90,0	14500	500	240	0,193	0,38	0,15	305	307
3x120/16 rm	94,0	15850	500	260	0,153	0,37	0,16	350	352
3x150/25 rm	97,0	17650	500	260	0,124	0,36	0,17	392	397
3x185/25 rm	102,0	19500	350	260	0,0991	0,35	0,18	445	453
3x240/25 rm	108,0	22350	350	260	0,0754	0,33	0,21	520	529
3x300/25 rm	114,0	25000	250	240	0,0601	0,32	0,22	580	626
3x400/35 rm	121,0	29450	250	260	0,0470	0,31	0,25	650	720

rm: Stranded conductor