



CONSTRUCTION

- 1 Copper conductor (class 2)
- 2 Inner semi conductive layer
- 3 XLPE insulation
- 4 Outer semi conductive layer
- 5 Semi conductive crepe paper
- 6 Copper tape screen
- 7 PP filler
- 8 PVC separation sheath
- 9 Galvanized round steel wire
- 10 PVC outer sheath



SPECIFICATIONS

Code : N2XSEYRY
 Standards : VDE 0273
 Rated voltage : $U_0/U=6/10$ kV
 $U_0/U=8.7/15$ kV
 $U_0/U=12/20$ kV
 $U_0/U=18/30$ kV
 $U_0/U=20.3/35$ kV

Application :
 On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure make the cable necessary where there is mechanical stress risk.



Temperature Range



Max. Operation Temperature



Short Circuit Temperature



Flame Retardant IEC 60332 -1-2



Mechanical Resistance



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section mm ²	Overall diameter (approx.) mm	Net weight (approx.) kg/km	Delivery length m	Delivery drum type cm	Conductor DC resistance at 20°C Ω / km (max.)	Operating inductance approx mH/km	Operating capacity approx MF/km	Current carrying capacity in (30°C)	
								Earth A	Air A
6/10 (12) kV									
3x35/16 rm	53	5000	500	210	0.524	0.37	0.22	154	172
3x50/16 rm	56	5650	500	220	0.387	0.35	0.24	181	205
3x70/16 rm	60	6750	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	64	7850	500	240	0.193	0.32	0.31	263	307
3x120/16 rm	68	9000	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	71	10100	500	260	0.124	0.30	0.36	332	397
3x185/25 rm	76	12450	250	220	0.0991	0.29	0.40	374	453
3x240/25 rm	83	14800	250	240	0.0754	0.28	0.45	431	529
3x300/25 rm	88	17450	250	240	0.0601	0.27	0.51	492	608