



CONSTRUCTION

- 1 Copper conductor (class1-2)
- 2 XLPE insulation
- 3 PVC filler
- 4 Concentric conductor
- 5 Copper tape as binder
- 6 PVC outer sheath



SPECIFICATIONS

Code : N2XCY
 Standards : VDE 0276 -603
 Rated Voltage : $U_0/U=0.6/1$ kV

Application :
 In indoor installation, in outdoor and underground cable ducts for power-stations, industrial plants and switching stations as well as local supply systems where increased protection is necessary.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2



Min. Bending Radius



RoHS
Compliant

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section mm ²	Overall diameter (approx.) mm	Net weight (approx.) kg/km	Standart delivery length m	Delivery drum type cm	Conductor DC resistance at 20°C Ω / km (max.)	Current carrying capacity in (30°C)	
						Conduit A	Air A
3x1.5/1.5 re	12	230	1000	80	12.1	31	25
3x2.5/2.5 re	13	290	1000	80	7.41	40	33
3x4/4 re	15	380	1000	90	4.61	52	43
3x6/6 re	16	455	1000	100	3.08	65	54
3x10/10 rm	19	690	1000	110	1.83	87	75
3x16/16 rm	22	970	1000	120	1.15	113	100
3x25/16 rm	24	1320	1000	130	0.727	146	136
3x35/16 rm	27	1660	1000	140	0.524	176	165
3x50/25 rm	30	2220	1000	150	0.387	208	201
3x70/35 rm	35	3100	1000	180	0.268	256	255
3x95/50 rm	39	4120	1000	200	0.193	307	314
3x120/70 rm	43	5200	500	160	0.153	349	364
3x150/70 rm	47	6300	500	180	0.124	391	416
3x185/95 rm	52	7820	500	210	0.0991	442	480
3x240/120 rm	60	10150	500	220	0.0754	509	565
3x300/150 rm	66	12450	500	240	0.0601	569	643