

CONSTRUCTION

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



SPECIFICATIONS

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

Application :
 Used 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

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.)	Current carrying capacity (30°C)	
						In earth A	In air A
3x1.5/1.5 re	13	260	1000	80	12.1	27	19.5
3x2.5/2.5 re	14	320	1000	90	7.41	36	26
3x4/4 re	16	420	1000	100	4.61	47	34
3x6/6 re	17	510	1000	100	3.08	59	44
3x10/10 rm	21	750	1000	120	1.83	79	60
3x16/16 rm	23	1040	1000	130	1.15	102	80
3x25/16 rm	26	1380	1000	140	0.727	133	108
3x35/16 rm	28	1740	1000	150	0.524	160	132
3x50/25 rm	32	2370	1000	160	0.387	190	160
3x70/35 rm	36	3240	1000	180	0.268	234	202
3x95/50 rm	41	4360	1000	200	0.193	280	249
3x120/70 rm	45	5450	500	160	0.153	319	289
3x150/70 rm	50	6550	500	200	0.124	357	329
3x185/95 rm	55	8200	500	210	0.0991	402	377
3x240/120 rm	62	10500	500	220	0.0754	463	443
3x300/150 rm	68	12950	500	240	0.0601	518	504