



## CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 PVC insulation
- 3 PVC Bedding
- 4 Galvanized round steel wire
- 5 PVC outer sheath



## SPECIFICATIONS

Code : NYRY  
 Standards : VDE 0271  
 Rated Voltage :  $U_0/U=0.6/1$  kV

Application :  
 Due to armour in the structure, these cables are resistant to mechanical compulsions and can be used under hard working condition places such as industrial plants, power centres etc. internally, externally, underground or in cable ducts.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant  
IEC 60332 -1-2



Mechanical Resistance



Min. Bending Radius



RoHS  
Compliant

## PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter (approx.)	Net weight (approx.)	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Current carrying capacity (30°C)	
						In earth	In air
mm <sup>2</sup>	mm	kg/km	m	cm	Ω / km (max.)	A	A
3x1.5 re	14	360	1000	90	12.1	27	19.5
3x2.5 re	15	430	1000	90	7.41	36	25
3x4 re	17	550	1000	100	4.61	47	34
3x6 re	19	760	1000	110	3.08	59	43
3x10 rm	22	1020	1000	120	1.83	79	59
3x16 rm	24	1420	1000	130	1.15	102	79
4x1.5 re	15	410	1000	90	12.1	27	19.5
4x2.5 re	16	480	1000	100	7.41	36	25
4x4 re	19	750	1000	110	4.61	47	34
4x6 re	20	875	1000	120	3.08	59	43
4x10 rm	24	1330	1000	130	1.83	79	59
4x16 rm	27	1700	1000	140	1.15	102	79
4x25 rm	30	2260	1000	150	0.727	133	106
4x35 rm	33	2800	1000	160	0.524	159	129
4x50 rm	38	3950	1000	200	0.387	188	157
4x70 rm	43	5050	1000	220	0.268	232	199
4x95 rm	49	6950	1000	240	0.193	280	246
4x120 rm	53	8320	500	210	0.153	318	285
4x150 rm	58	9900	500	220	0.124	359	326
4x185 rm	63	12000	500	220	0.0991	406	374
4x240 rm	70	15000	500	240	0.0754	473	445
4x300 rm	80	19450	500	260	0.0601	535	511