

NYM-J Fixed Installation Cable



NYM-J is a VDE approved, solid conductor*, gray PVC jacketed, 300/500 volt fixed installation cable. These cables are suitable for use in, on and under plaster, benton, brickwork and concrete. **NYM-J** cables should not be used in the direct laying of shaken, vibrated or compressed concrete. Outdoor usage is only possible as long as the cable is protected against direct sunlight. Usable in the open air, dry, damp and wet environments.



Construction:

- Single or multiple bare copper
- Solid strand to VDE-0295 Class-1
- For #6 AWG and up, VDE-0295 Class-2 strand
- PVC (T11) core insulation
- Color code to VDE-0293-308 with ground
- Above 5 cores, color is black w/ white numbers
- Special PVC (TM1) outer jacket
- Gray (RAL 7035)

Technical:

- Working voltage: 300/500 volts
- Test voltage: 2000 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: +5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: > 20 MΩ x km

Approvals:

- VDE-0250 Part-204
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
16 AWG (Solid) 1,50mm²				
7321601	1	0.213" / 5.4mm	9	32
7321603	3	0.358" / 9.1mm	29	88
7321604	4	0.386" / 9.8mm	39	104
7321605	5	0.406" / 10.3mm	48	122
7321607	7	0.453" / 11.5mm	68	150
7321610	10	0.543" / 13.8mm	97	223
7321612	12	0.567" / 14.4mm	116	284
14 AWG (Solid) 2,50mm²				
7321401	1	0.236" / 6.0mm	16	41
7321403	3	0.409" / 10.4mm	48	121
7321404	4	0.445" / 11.3mm	64	151
7321405	5	0.472" / 12.0mm	80	174
7321407	7	0.520" / 13.2mm	113	222
12 AWG (Solid) 4,00mm²				
7321201	1	0.260" / 6.6mm	25	56
7321203	3	0.472" / 12.0mm	77	173
7321204	4	0.512" / 13.0mm	103	216
7321205	5	0.571" / 14.5mm	129	262
10 AWG (Solid) 6,00mm²				
7321001	1	0.283" / 7.2mm	39	72
7321003	3	0.512" / 13.0mm	116	173
7321004	4	0.594" / 15.1mm	154	216
7321005	5	0.634" / 16.1mm	193	262
8 AWG (Solid) 10,0mm²				
7320801	1	0.331" / 8.4mm	64	106
7320803	3	0.638" / 16.2mm	193	370
7320804	4	0.693" / 17.6mm	258	440
7320805	5	0.756" / 19.2mm	322	536
6 AWG (7/14) 16,00mm²				
7320601	1	0.390" / 9.9mm	103	156
7320604	4	0.839" / 21.3mm	412	672
7320605	5	0.921" / 23.4mm	515	834
4 AWG (7/12) 25,00mm²				
7320401	1	0.472" / 12.0mm	161	201
7320404	4	1.016" / 25.8mm	644	1053
7320405	5	1.130" / 28.7mm	805	1295
2 AWG (7/10) 35,0mm²				
7320204	4	1.122" / 28.5mm	901	1403

* Additional sizes may be available.