

NYM-O Fixed Installation Cable



NYM-O 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-O** 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. This special color code construction has no green/yellow ground wire.



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 - No 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				
7331601	1	0.213" / 5.4mm	9	32
7331602	2	0.343" / 8.7mm	19	47
7331603	3	0.358" / 9.1mm	29	88
7331604	4	0.386" / 9.8mm	39	104
7331605	5	0.406" / 10.3mm	48	122
7331607	7	0.453" / 11.5mm	68	150
14 AWG (Solid) 2,50mm²				
7331401	1	0.236" / 6.0mm	16	41
7331402	2	0.382" / 9.7mm	32	105
7331403	3	0.409" / 10.4mm	48	121
7331404	4	0.445" / 11.3mm	64	151
7331405	5	0.472" / 12.0mm	80	174
7331407	7	0.512" / 13.0mm	113	222
12 AWG (Solid) 4,00mm²				
7331201	1	0.260" / 6.6mm	25	56
7331204	4	0.512" / 13.0mm	103	216
7331205	5	0.571" / 14.5mm	129	262
10 AWG (Solid) 6,00mm²				
7331001	1	0.283" / 7.2mm	39	72
7331004	4	0.594" / 15.1mm	154	216
7331005	5	0.634" / 16.1mm	193	262
8 AWG (Solid) 10,0mm²				
7330801	1	0.331" / 8.4mm	64	106
7330804	4	0.693" / 17.6mm	258	440
7330805	5	0.756" / 19.2mm	322	536
6 AWG (7/14) 16,0mm²				
7330601	1	0.390" / 9.9mm	103	156
7330604	4	0.839" / 21.3mm	412	672
7330605	5	0.921" / 23.4mm	515	834
4 AWG (7/12) 25,0mm²				
7330404	4	1.016" / 25.8mm	644	1053
2 AWG (7/10) 35,0mm²				
7330204	4	1.122" / 28.5mm	901	1403

* Additional sizes may be available.