

A reliable source of energy.

Our NYM installation cable is a true everyday hero.



Made in Schwerin.

Outside the beautiful city of Schwerin, one of the world's largest E&I plants is situated. In these modern facilities our skilled co-workers are manufacturing 150.000.000 metres of NYM cables – every year! And we will continue to do so. To make sure we have everything we need to serve you, we also have our Research & Development department for energy cables located at this Centre of Excellence.

There are several advantages connected to having production and development based in Germany. First of all, it is our own market. We know what you need and can make the cables meet the quality demands that you ask for. Secondly the lead times get a lot shorter. The cables will be in place where and when you need it. Thirdly we can lower transport distances, which will save all of us both on money and the environment. It is a win-win, for all of us.



*"Always there when
you need it."*



Our NYM installation cable is a true everyday hero.





It's when you realise you don't have it that you will miss it the most. Our flexible and easy to handle NYM installation cable is like the faithful servant that without fuss always gets the job done. Keep the energy level up and never leave for work without it.

NYM INSTALLATION CABLE

Application

The lead free insulated wires ECONYM500 are for installation in building and in the industry. The insulated wires can lay in, on and under plaster in dry, humidity and wet rooms in concrete without shake and tamp concrete. The building insulated wires can laid in air but only by protection against sun light. The laid in earth or in water is not allowed.

MAIN FEATURES

-  CPR compliant
-  Easy to strip
-  Flexible
-  VDE compliant

NYM installation cable				
Number of cores x cross section	Art. Des. O/J	Part number	Outer diameter nom. mm	Weight (approx.) kg/km
1x4 RE	-J	20195604	6.7	85
1x6 RE	-J	20195607	7.2	105
1x10 RE	-J	20195598	8.6	160
1x16 RM	-J	20195601	9.6	220
1x1,5 RE	-0		5.8	50
1x2,5 RE	-0		6	60
1x4 RE	-0		6.7	85
1x6 RE	-0		7.2	105
1x10 RE	-0		8.6	160
1x16 RM	-0		9.6	220
3x1,5 RE	-J	20195617	8.4	120
3x2,5 RE	-J	20195624	9.6	170
3x4 RE	-J	20195633	11.3	250
3x6 RE	-J	20195636	12.8	335
3x1,5 RE	-0	20195702	8.4	120
4x1,5 RE	-J	20195639	9.2	150
4x2,5 RE	-J	20195651	10.6	210
4x4 RE	-J	20195657	12.7	315
4x6 RE	-J	20195659	13.8	410
4x10 RE	-J	20195646	18	680

NYM installation cable				
Number of cores x cross section	Art. Des. O/J	Part number	Outer diameter nom. mm	Weight (approx.) kg/km
4x16 RM	-J	20195649	21	970
4x25 RM	-J	20195654	26	1500
4x35 RM	-J	20195656	29	2000
4x1,5 RE	-0	20195704	9.2	150
4x10 RE	-0	20195706	18	680
4x16 RM	-0	20195709	21	970
4x25 RM	-0	20195712	26	1500
4x35 RM	-0	20195713	29	2000
5x1,5 RE	-J	20195661	9.9	175
5x2,5 RE	-J	20195677	11.5	250
5x4 RE	-J	20195689	14	370
5x6 RE	-J	20195694	15.5	500
5x10 RE	-J	20195671	19.5	810
5x16 RM	-J	20195676	23	1200
5x25 RM	-J	20195687	28	1800
7x1,5 RE	-0	20195714	11.6	150
7x1,5 RE	-J	20195697	11.6	150
7x2,5 RE	-J	20195700	13.7	380
(N)YM				
10x1,5 RE	-J	20196109	14.5	365

For the construction NYM-O 3x1,5 RE with 3 load cores, values for current-carrying capacity, due to DIN VDE 0298-4, table 3
 (1) acc. to DIN VDE 0298-4
 (N)YM - based on DIN VDE 0250-204



NYM installation cable	
Global data	
Brand	ECONYM500
Type designation	NYM
Standard	DIN VDE 0250-204
Construction product regulation (CPR)	CPR acc. to DIN EN 50575, class and DoP code see data table below, DoP see www.prysmiangroup.com/cpr
CPR fire class	E _{ca}
CPR DoP Code	1000853
Mechanical characteristics	
Bending radius	4 x D, fixed installation
Thermal parameters	
Max. operating temperature of the conductor	70°C
Max. short circuit temperature of the conductor	160°C ≤ 300mm ²
Laying temperature min.	5°C
Electrical parameters	
Rated voltage	300/500 V
Max. permissible operating voltage AC	0,550 kV
Max. permissible operating voltage DC	0,825 kV

NYM installation cable	
Chemical parameters	
Performance against fire	Flame retardant in accordance to DIN EN 60332-1-2
Construction characteristics	
Conductor	Bare copper acc. to DIN EN 60228
Insulation	PVC, leadfree
Core identification	Colours of cores acc. to DIN VDE 0293-308. 1 core: NYM-O black; NYM-J green yellow 3 cores: NYM-O brown, black, grey NYM-J green yellow, blue, brown 4 cores: NYM-O blue, brown, black, grey; NYM-J green yellow, brown, black, grey 5 cores: NYM-J green yellow, blue, brown, black, grey Multicore: NYM-O black with white numbers; NYM-J black with white numbers, one core green yellow (N)NYM-J black with white numbers, one core green yellow based on DIN VDE 0250-204.
Outer sheath	AFUMEX SPECIAL-sheath, leadfree
Outer sheath color	Light grey

Please check our homepage: www.prysmiangroup.de for more details.

Linking the future

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