



## USE OF CABLE

power, control and connecting cable in electrical facilities and hand-held electric tools, for fixed laying and flexible applications with undefined cable routing and without tensile stress. Suitable for use in dry and humid rooms. Outdoor use within temperature range, no laying underground.



## SPECIAL FEATURES

- increased oil resistant special-PUR-outer sheath resistance to acids, bases, dissolver, hydrolysis, lubricants etc. (see table of chemical resistance)
- LABS-free (during production)
- increased resistance to abrasion and microbes
- cutproof, tearproof
- UV-resistant PUR outer sheath
- PUR yellow: Safety cable with yellow outer sheath

## REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- also available types: C-PUR GREY EMC & PUR BLACK DESINA
- Special versions, other dimensions, cross-sections, core and jacket colours are manufactured on request.

## PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	PVC
Core identification:	PUR YELLOW: up to 5 cores acc. to DIN VDE 0293-308 coloured cores, from 6 wires TKD coloured code with or without GNYE; PUR GREY: acc. to DIN VDE 0293 black cores with white numerals with GNYE from 3 cores
Stranding:	Stranded in layers
Outer sheath:	PUR
Sheath colour:	Yellow RAL 1016 or grey RAL 7001
Rated voltage:	U <sub>0</sub> /U: 300/500 V
Testing voltage:	3 kV
Conductor resistance:	Acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to. DIN VDE, see Technical Guidelines
Min. bending radius fixed:	5 x d
Min. bending radius moved:	12,5 x d
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-5 °C / +70 °C
Standard:	Similar to DIN VDE 0245, 0250 and 0282

## ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003644	2 X 0,5	5,1	9,60	40,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003646	3 G 0,5	5,4	14,40	55,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003158	4 G 0,5	6,0	19,00	65,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003650	5 G 0,5	6,5	24,00	75,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003651	7 G 0,5	7,2	33,60	90,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003654	12 G 0,5	9,3	57,60	135,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003655	18 G 0,5	10,8	86,40	205,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003658	25 G 0,5	13,2	120,00	270,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey

# PUR GREY & PUR YELLOW (N)YMH11YÖ

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003659	2 X 0,75	5,4	14,40	44,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001843	3 G 0,75	5,8	21,60	53,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003778	3 X 0,75	5,8	21,60	53,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001870	4 G 0,75	6,4	28,80	64,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003779	4 X 0,75	6,4	28,80	64,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001193	5 G 0,75	7,1	36,00	76,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003780	5 X 0,75	7,1	36,00	74,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001185	7 G 0,75	7,8	50,40	96,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001143	12 G 0,75	10,4	86,40	170,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003663	18 G 0,75	12,4	130,00	260,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003664	25 G 0,75	15,1	180,00	324,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003667	34 G 0,75	17,0	245,00	475,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001156	2 X 1	5,8	19,20	53,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001158	3 G 1	6,3	28,80	63,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001164	4 G 1	6,9	38,40	75,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001178	5 G 1	7,7	48,00	89,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003781	5 X 1	7,7	48,00	89,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1004950	6 G 1	8,8	57,60	99,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001187	7 G 1	8,8	67,20	115,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1004948	9 G 1	10,7	86,40	167,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001144	12 G 1	11,0	115,00	201,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001147	18 G 1	13,0	173,00	289,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001151	25 G 1	16,9	240,00	380,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003673	34 G 1	18,3	326,00	645,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001155	2 X 1,5	6,5	28,80	68,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001160	3 G 1,5	6,9	43,20	87,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001166	4 G 1,5	7,6	57,60	106,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001180	5 G 1,5	8,5	72,00	131,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1004949	6 G 1,5	9,4	86,40	162,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001189	7 G 1,5	9,4	101,00	173,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001145	12 G 1,5	12,8	173,00	273,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001148	18 G 1,5	15,2	259,00	454,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001152	25 G 1,5	18,5	360,00	641,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003677	34 G 1,5	20,8	490,00	945,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003678	42 G 1,5	23,5	605,00	1100,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003681	50 G 1,5	24,2	720,00	1250,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003683	2 X 2,5	8,2	48,00	110,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003684	3 G 2,5	8,7	72,00	146,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001168	4 G 2,5	9,4	96,00	183,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001182	5 G 2,5	10,3	120,00	222,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey

# PUR GREY & PUR YELLOW (N)YMH11YÖ

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1001191	7 G 2,5	11,5	168,00	293,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001146	12 G 2,5	15,7	288,00	512,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003688	18 G 2,5	18,7	432,00	740,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003689	25 G 2,5	24,1	600,00	940,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001170	4 G 4	12,5	154,00	291,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001777	5 G 4	14,0	192,00	355,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003692	7 G 4	15,4	269,00	503,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1501740	4 G 6	13,0	230,00	468,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003693	5 G 6	14,5	288,00	570,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003695	7 G 6	16,0	403,00	808,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003698	3 G 10	15,8	288,00	555,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003699	4 G 10	16,2	384,00	720,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003702	5 G 10	18,1	480,00	894,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003703	7 G 10	20,0	672,00	1295,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1001823	4 G 16	18,8	614,00	1063,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003707	5 G 16	23,6	768,00	1400,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003708	7 G 16	29,3	1075,00	1800,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003711	4 G 25	29,4	960,00	1590,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003712	4 G 35	32,8	1344,00	2200,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003715	4 G 50	38,9	1920,00	2400,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003716	4 G 70	44,7	2688,00	4400,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003719	4 G 95	59,6	3648,00	6000,00	grey	V1: PUR GRAU (N)YMH11YÖ - grau/grey
1003645	2 X 0,5	5,1	9,60	40,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003647	3 G 0,5	5,4	14,40	55,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003648	4 G 0,5	6,0	19,00	65,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003649	5 G 0,5	6,5	24,00	75,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003652	7 G 0,5	7,2	33,60	90,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003653	12 G 0,5	9,3	57,60	135,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003656	18 G 0,5	10,8	86,40	205,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003657	25 G 0,5	13,2	120,00	270,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001122	2 X 0,75	5,4	14,40	44,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001125	3 G 0,75	5,8	21,60	53,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001129	4 G 0,75	6,4	28,80	64,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001135	5 G 0,75	7,1	36,00	76,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003660	7 G 0,75	7,8	50,40	96,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003661	12 G 0,75	10,4	86,40	170,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003662	18 G 0,75	12,4	130,00	260,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003665	25 G 0,75	15,1	180,00	324,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003666	34 G 0,75	17,0	245,00	475,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001123	2 X 1	5,8	19,20	53,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow

# PUR GREY & PUR YELLOW (N)YMH11YÖ

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1001126	3 G 1	6,3	28,80	63,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001130	4 G 1	6,9	38,40	75,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001136	5 G 1	7,7	48,00	89,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003668	7 G 1	8,8	67,20	115,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003669	12 G 1	11,0	115,00	201,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003670	18 G 1	13,0	173,00	289,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003671	25 G 1	16,9	240,00	380,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003672	34 G 1	18,3	326,00	645,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001124	2 X 1,5	6,5	28,80	68,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001127	3 G 1,5	6,9	43,20	87,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001131	4 G 1,5	7,6	57,60	106,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001137	5 G 1,5	8,5	72,00	131,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001139	7 G 1,5	9,4	101,00	173,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001121	12 G 1,5	12,8	173,00	293,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003674	18 G 1,5	15,2	259,00	454,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003675	25 G 1,5	18,5	360,00	641,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003676	34 G 1,5	20,8	490,00	945,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003679	42 G 1,5	23,5	605,00	1100,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003680	50 G 1,5	24,2	720,00	1250,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003682	2 X 2,5	8,2	48,00	110,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001128	3 G 2,5	8,7	72,00	146,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001132	4 G 2,5	9,4	96,00	183,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001138	5 G 2,5	10,3	120,00	222,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003685	7 G 2,5	11,5	168,00	293,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003686	12 G 2,5	15,7	288,00	512,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003687	18 G 2,5	18,7	432,00	740,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003690	25 G 2,5	24,1	600,00	940,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001133	4 G 4	12,5	154,00	291,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003137	5 G 4	14,0	192,00	355,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003691	7 G 4	15,4	269,00	503,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1001134	4 G 6	13,0	230,00	468,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003694	5 G 6	14,5	288,00	570,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003696	7 G 6	16,0	403,00	808,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003697	3 G 10	15,8	288,00	555,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003700	4 G 10	16,2	384,00	720,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003701	5 G 10	18,1	480,00	894,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003704	7 G 10	20,0	672,00	1295,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003705	4 G 16	18,8	614,00	1063,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003706	5 G 16	23,6	768,00	1400,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003709	7 G 16	29,3	1075,00	1800,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow

# PUR GREY & PUR YELLOW (N)YMH11YÖ

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003710	4 G 25	29,4	960,00	1590,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003713	4 G 35	32,8	1344,00	2200,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003714	4 G 50	38,9	1920,00	2400,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow
1003717	4 G 70	44,7	2688,00	4400,00	yellow	V2: PUR GELB (N)YMH11YÖ - gelb/yellow