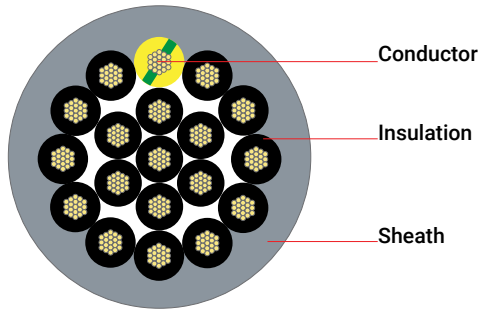




Cable structure



Stranded copper wire
Class 5, IEC 60228

PVC, in compliance with EN 50334 insulation colour coding,
black core with white number codes
TI2 EN 50363-3

PVC - RAL 7001 Grey
TM5 EN 50363-4-1

Application

It is an oil-resistant flexible PVC insulated and sheathed control cable with number-coded cores. Used in dry or wet interior areas not exposed to mechanical strain. Preferred for mobile installations and confined spaces thanks to its flexible design. Used for measurement and control functions in electronic control systems, production and assembly lines and engineering projects.

NYSLYÖ-OZ: black core with white number codes

NYSLYÖ-JZ: ground protection conductor (yellow/green), black core with white number codes

Specifications

Temperature range

fixed	-30°C ...+70°C
flexing	0°C ...+50°C

Bending radius

fixed	min.	7.5 x D
flexing	min.	15 x D

Oil resistance

EN 60811-404

Conductor resistance

0.50 mm ² max.	39.0 Ω/km
0.75 mm ² max.	26.0 Ω/km
1.0 mm ² max.	19.5 Ω/km
1.5 mm ² max.	13.3 Ω/km
2.5 mm ² max.	7.98 Ω/km

Insulation resistance

min. 20 MΩ x km

Test voltage

2500 V

Operating voltage

max. 300/500 V

Standards EN 50525-2-51

Fire performance

Vertical flame propagation EN 60332-1-2

EU declaration of conformity

LVD	Low Voltage Directive	2014/35/EU
RoHS	Restriction of Hazardous Substances	2011/65/EU

Specifications may vary depending on technical modifications.

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
224002	2x0.50 mm ²	5.6	9	48
224003	3x0.50 mm ²	6.2	14	54
224004	4x0.50 mm ²	6.7	18	60
224005	5x0.50 mm ²	7.5	23	81
224006	6x0.50 mm ²	8.1	27	95
224007	7x0.50 mm ²	8.1	32	98
224010	10x0.50 mm ²	9.8	45	131
224012	12x0.50 mm ²	10.8	55	157
224014	14x0.50 mm ²	11.5	64	178
224016	16x0.50 mm ²	12.3	73	201
224018	18x0.50 mm ²	12.9	82	231
224019	19x0.50 mm ²	12.9	87	234
224024	24x0.50 mm ²	14.9	109	301
224027	27x0.50 mm ²	15.7	123	333
224030	30x0.50 mm ²	16.6	137	372
224033	33x0.50 mm ²	17.2	151	402
224036	36x0.50 mm ²	17.9	164	445
224037	37x0.50 mm ²	17.9	169	448

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
224062	2x0.75 mm ²	6.2	14	60
224063	3x0.75 mm ²	6.6	20	66
224064	4x0.75 mm ²	7.1	27	72
224065	5x0.75 mm ²	8.0	34	99
224066	6x0.75 mm ²	8.9	41	121
224067	7x0.75 mm ²	8.9	48	126
224070	10x0.75 mm ²	10.8	68	170
224072	12x0.75 mm ²	11.8	82	201
224074	14x0.75 mm ²	12.6	96	230
224076	16x0.75 mm ²	13.5	109	260
224078	18x0.75 mm ²	14.1	123	296
224079	19x0.75 mm ²	14.1	130	301
224084	24x0.75 mm ²	16.3	164	387
224087	27x0.75 mm ²	17.1	185	425
224090	30x0.75 mm ²	18.1	206	476
224093	33x0.75 mm ²	18.8	226	518
224096	36x0.75 mm ²	19.5	247	568
224097	37x0.75 mm ²	19.5	253	573

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
224122	2x1 mm ²	6.6	18	70
224123	3x1 mm ²	7.0	27	77
224124	4x1 mm ²	7.8	36	90
224125	5x1 mm ²	8.6	45	118
224126	6x1 mm ²	9.5	55	144
224127	7x1 mm ²	9.5	64	151
224130	10x1 mm ²	11.5	91	202
224132	12x1 mm ²	12.6	109	240
224134	14x1 mm ²	13.7	127	283
224136	16x1 mm ²	14.4	146	311
224138	18x1 mm ²	15.3	164	363
224139	19x1 mm ²	15.3	173	370
224144	24x1 mm ²	17.7	219	476
224147	27x1 mm ²	18.5	247	521
224150	30x1 mm ²	19.6	274	584
224153	33x1 mm ²	20.6	301	647
224156	36x1 mm ²	21.1	329	697
224157	37x1 mm ²	21.1	338	704

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
224182	2x1.5 mm ²	7.8	27	100
224183	3x1.5 mm ²	8.3	40	110
224184	4x1.5 mm ²	9.2	53	127
224185	5x1.5 mm ²	10.1	66	166
224186	6x1.5 mm ²	11.2	80	204
224187	7x1.5 mm ²	11.2	93	214
224190	10x1.5 mm ²	13.8	133	293
224192	12x1.5 mm ²	15.1	160	348
224194	14x1.5 mm ²	16.3	187	405
224196	16x1.5 mm ²	17.2	214	447
224198	18x1.5 mm ²	18.2	240	520
224199	19x1.5 mm ²	18.2	254	530
224204	24x1.5 mm ²	20.9	321	673
224207	27x1.5 mm ²	22.2	361	755
224210	30x1.5 mm ²	23.4	401	839
224213	33x1.5 mm ²	24.3	442	913
224216	36x1.5 mm ²	25.2	482	1002
224217	37x1.5 mm ²	25.2	495	1012

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
224242	2x2.5 mm ²	9.2	44	144
224243	3x2.5 mm ²	9.8	66	162
224244	4x2.5 mm ²	10.9	88	189
224245	5x2.5 mm ²	12.1	111	251
224246	6x2.5 mm ²	13.4	133	307
224247	7x2.5 mm ²	13.4	155	324
224250	10x2.5 mm ²	16.4	222	440
224252	12x2.5 mm ²	17.9	267	521
224254	14x2.5 mm ²	19.3	311	605
224256	16x2.5 mm ²	20.6	356	681
224258	18x2.5 mm ²	21.6	400	780
224259	19x2.5 mm ²	21.6	423	797
224264	24x2.5 mm ²	25.0	535	1023
224267	27x2.5 mm ²	26.5	601	1145
224270	30x2.5 mm ²	27.9	669	1270
224273	33x2.5 mm ²	29.2	735	1398
224276	36x2.5 mm ²	30.0	802	1515
224277	37x2.5 mm ²	30.0	824	1532

Specifications may vary depending on technical modifications.