



## USE OF CABLE

high flexible single core, in combination with high flexible insulating tube useable in and on mobile equipment and measuring suitable



## SPECIAL FEATURES

- superfine stranded copper wire
- low-temperature flexible by very soft special core insulation
- LABS-free (during production)
- 2 versions: HIGHFLEX LIFY measuring core: 1000 V; HIGHFLEX LIFY; up to 1,0mm<sup>2</sup> 500 V, from 1,5mm<sup>2</sup> 750 V

## REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Ultra-fine stranded: 0,05; 0,07 or 0,10 mm
Core insulation:	PVC
Core identification:	Single-coloured standard core colours available: green-yellow, black, red, blue
Rated voltage:	1.000 V for HIGHFLEX LIFY measuring core; 500 V for HIGHFLEX LIFY highflexible up to 1mm <sup>2</sup> and 750 V from 1,5 mm <sup>2</sup>
Testing voltage:	3 kV
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	6 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-30 °C / +70 °C
Operat. temp. moved min/max:	-15 °C / +70 °C

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	Single core color	Variant
0506877	1 X 0,10	1,0	1,00	2,10	green-yellow	V1: HIGHFLEX-LIFY 500 V
0501994	1 X 0,10	1,0	1,00	2,10	black	V1: HIGHFLEX-LIFY 500 V
0502322	1 X 0,10	1,0	1,00	2,10	blue	V1: HIGHFLEX-LIFY 500 V
0502026	1 X 0,10	1,0	1,00	2,10	brown	V1: HIGHFLEX-LIFY 500 V
0502208	1 X 0,10	1,0	1,20	2,10	green	V1: HIGHFLEX-LIFY 500 V
0502323	1 X 0,10	1,0	1,00	2,10	red	V1: HIGHFLEX-LIFY 500 V
0501465	1 X 0,10	1,0	1,00	2,10	white	V1: HIGHFLEX-LIFY 500 V
0502164	1 X 0,10	1,0	1,00	2,10	white-blue	V1: HIGHFLEX-LIFY 500 V
0502163	1 X 0,10	1,0	1,00	2,10	white-red	V1: HIGHFLEX-LIFY 500 V
0506878	1 X 0,14	1,1	1,40	2,60	green-yellow	V1: HIGHFLEX-LIFY 500 V
0502503	1 X 0,14	1,1	1,40	2,60	black	V1: HIGHFLEX-LIFY 500 V
0502505	1 X 0,14	1,1	1,40	2,60	blue	V1: HIGHFLEX-LIFY 500 V
0502607	1 X 0,14	1,1	1,40	2,60	yellow	V1: HIGHFLEX-LIFY 500 V
0501077	1 X 0,14	1,1	1,40	2,60	pink	V1: HIGHFLEX-LIFY 500 V
0502504	1 X 0,14	1,1	1,40	2,60	red	V1: HIGHFLEX-LIFY 500 V
0502352	1 X 0,14	1,1	1,40	2,60	violet	V1: HIGHFLEX-LIFY 500 V
0502677	1 X 0,14	1,1	1,40	2,60	white	V1: HIGHFLEX-LIFY 500 V
0506879	1 X 0,25	1,4	2,50	4,20	green-yellow	V1: HIGHFLEX-LIFY 500 V
0502518	1 X 0,25	1,4	2,50	4,20	black	V1: HIGHFLEX-LIFY 500 V
0502376	1 X 0,25	1,4	2,50	4,20	blue	V1: HIGHFLEX-LIFY 500 V
0501022	1 X 0,25	1,4	2,50	4,20	grey	V1: HIGHFLEX-LIFY 500 V
0501723	1 X 0,25	1,4	2,50	4,20	yellow	V1: HIGHFLEX-LIFY 500 V
0501781	1 X 0,25	1,4	2,50	4,20	green	V1: HIGHFLEX-LIFY 500 V
0501722	1 X 0,25	1,4	2,50	4,20	red	V1: HIGHFLEX-LIFY 500 V
0500979	1 X 0,25	1,4	2,50	4,20	violet	V1: HIGHFLEX-LIFY 500 V
0502185	1 X 0,25	1,4	2,50	4,20	white	V1: HIGHFLEX-LIFY 500 V
0506880	1 X 0,50	2,0	5,00	8,00	green-yellow	V1: HIGHFLEX-LIFY 500 V
0502544	1 X 0,50	2,0	5,00	8,00	black	V1: HIGHFLEX-LIFY 500 V
0502663	1 X 0,50	2,0	5,00	8,00	blue	V1: HIGHFLEX-LIFY 500 V
0507372	1 X 0,50	2,0	5,00	8,00	brown	V1: HIGHFLEX-LIFY 500 V

# HIGHFLEX LIFY

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	Single core color	Variant
0501583	1 X 0,50	2,0	5,00	8,00	yellow	V1: HIGHFLEX-LIFY 500 V
0500012	1 X 0,50	2,0	5,00	8,00	green	V1: HIGHFLEX-LIFY 500 V
0501582	1 X 0,50	2,0	5,00	8,00	red	V1: HIGHFLEX-LIFY 500 V
0502634	1 X 0,50	2,0	5,00	8,00	white	V1: HIGHFLEX-LIFY 500 V
0502226	1 X 0,50	2,0	5,00	8,00	white-black	V1: HIGHFLEX-LIFY 500 V
0506881	1 X 0,75	2,2	8,00	12,00	green-yellow	V1: HIGHFLEX-LIFY 500 V
0502463	1 X 0,75	2,2	8,00	12,00	black	V1: HIGHFLEX-LIFY 500 V
0500440	1 X 0,75	2,2	8,00	12,00	blue	V1: HIGHFLEX-LIFY 500 V
0500441	1 X 0,75	2,2	8,00	12,00	brown	V1: HIGHFLEX-LIFY 500 V
0502228	1 X 0,75	2,2	8,00	12,00	yellow	V1: HIGHFLEX-LIFY 500 V
0500965	1 X 0,75	2,2	8,00	12,00	red	V1: HIGHFLEX-LIFY 500 V
0502493	1 X 0,75	2,2	8,00	12,00	white	V1: HIGHFLEX-LIFY 500 V
0502227	1 X 0,75	2,2	8,00	12,00	brown-red	V1: HIGHFLEX-LIFY 500 V
0501831	1 X 1,00	2,5	10,00	18,00	green-yellow	V1: HIGHFLEX-LIFY 500 V
0500565	1 X 1,00	2,5	10,00	18,00	black	V1: HIGHFLEX-LIFY 500 V
0501830	1 X 1,00	2,5	10,00	18,00	blue	V1: HIGHFLEX-LIFY 500 V
0501795	1 X 1,00	2,5	10,00	18,00	red	V1: HIGHFLEX-LIFY 500 V
0501584	1 X 1,00	2,5	10,00	18,00	white	V1: HIGHFLEX-LIFY 500 V
0500443	1 X 1,5	2,9	15,00	22,00	blue	V2: HIGHFLEX-LIFY 750 V
0500444	1 X 1,5	2,9	15,00	22,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0500631	1 X 1,50	2,9	15,00	22,00	red	V2: HIGHFLEX-LIFY 750 V
0500445	1 X 1,5	2,9	15,00	22,00	black	V2: HIGHFLEX-LIFY 750 V
0500449	1 X 2,5	3,8	25,00	37,00	blue	V2: HIGHFLEX-LIFY 750 V
0501388	1 X 2,50	3,8	25,00	37,00	brown	V2: HIGHFLEX-LIFY 750 V
0501389	1 X 2,50	3,8	25,00	37,00	grey	V2: HIGHFLEX-LIFY 750 V
0501390	1 X 2,50	3,8	25,00	37,00	white	V2: HIGHFLEX-LIFY 750 V
0500450	1 X 2,5	3,8	25,00	37,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0500451	1 X 2,5	3,8	25,00	37,00	red	V2: HIGHFLEX-LIFY 750 V
0501527	1 X 2,5	3,8	25,00	37,00	black	V2: HIGHFLEX-LIFY 750 V
0502554	1 X 4,00	5,0	40,00	50,00	blue	V2: HIGHFLEX-LIFY 750 V
0502541	1 X 4,00	5,0	40,00	50,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0500967	1 X 4,00	5,0	40,00	50,00	red	V2: HIGHFLEX-LIFY 750 V
0500453	1 X 4	5,0	40,00	50,00	black	V2: HIGHFLEX-LIFY 750 V
0500860	1 X 4,00	5,0	40,00	50,00	transparent	V2: HIGHFLEX-LIFY 750 V
0502560	1 X 6,00	6,0	60,00	71,00	blue	V2: HIGHFLEX-LIFY 750 V
0500454	1 X 6	6,0	60,00	71,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0501970	1 X 6,00	6,0	60,00	71,00	red	V2: HIGHFLEX-LIFY 750 V
0500549	1 X 6	6,0	60,00	71,00	black	V2: HIGHFLEX-LIFY 750 V
0506827	1 X 6,00	6,0	60,00	71,00	transparent	V2: HIGHFLEX-LIFY 750 V
0506883	1 X 10,00	7,5	96,00	130,00	blue	V2: HIGHFLEX-LIFY 750 V
0507255	1 X 10,00	7,5	96,00	130,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506882	1 X 10,00	7,5	96,00	130,00	red	V2: HIGHFLEX-LIFY 750 V
0501836	1 X 10	7,5	96,00	130,00	black	V2: HIGHFLEX-LIFY 750 V
0506884	1 X 16,00	9,0	154,00	187,00	blue	V2: HIGHFLEX-LIFY 750 V
0506885	1 X 16,00	9,0	154,00	187,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506886	1 X 16,00	9,0	154,00	187,00	red	V2: HIGHFLEX-LIFY 750 V
0506434	1 X 16	9,0	154,00	187,00	black	V2: HIGHFLEX-LIFY 750 V
0506857	1 X 16,00	9,0	154,00	187,00	transparent	V2: HIGHFLEX-LIFY 750 V
0506888	1 X 25,00	10,5	240,00	294,00	blue	V2: HIGHFLEX-LIFY 750 V
0503282	1 X 25,00	10,5	240,00	294,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506887	1 X 25,00	10,5	240,00	294,00	red	V2: HIGHFLEX-LIFY 750 V
0500452	1 X 25	10,5	240,00	294,00	black	V2: HIGHFLEX-LIFY 750 V
0506889	1 X 35,00	12,5	336,00	380,00	blue	V2: HIGHFLEX-LIFY 750 V
0502520	1 X 35,00	12,5	336,00	380,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506890	1 X 35,00	12,5	336,00	380,00	red	V2: HIGHFLEX-LIFY 750 V
0506891	1 X 35	12,5	336,00	380,00	black	V2: HIGHFLEX-LIFY 750 V
0500009	1 X 35,00	12,5	336,00	380,00	transparent	V2: HIGHFLEX-LIFY 750 V
0506895	1 X 50,00	13,8	480,00	521,00	blue	V2: HIGHFLEX-LIFY 750 V
0506893	1 X 50,00	13,8	480,00	521,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506894	1 X 50,00	13,8	480,00	521,00	red	V2: HIGHFLEX-LIFY 750 V
0506892	1 X 50	13,8	480,00	521,00	black	V2: HIGHFLEX-LIFY 750 V
0506896	1 X 70,00	15,5	672,00	740,00	blue	V2: HIGHFLEX-LIFY 750 V
0506899	1 X 70,00	15,5	672,00	740,00	green-yellow	V2: HIGHFLEX-LIFY 750 V
0506897	1 X 70,00	15,5	672,00	740,00	red	V2: HIGHFLEX-LIFY 750 V
0506898	1 X 70	15,5	672,00	740,00	black	V2: HIGHFLEX-LIFY 750 V
0506903	1 X 0,75	4,0	8,00	15,00	blue	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506900	1 X 0,75	4,0	8,00	15,00	green-yellow	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506902	1 X 0,75	4,0	8,00	15,00	red	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506901	1 X 0,75	4,0	8,00	15,00	black	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506904	1 X 1,50	4,4	15,00	25,00	blue	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506907	1 X 1,50	4,4	15,00	25,00	green-yellow	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506905	1 X 1,50	4,4	15,00	25,00	red	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core
0506906	1 X 1,50	4,4	15,00	25,00	black	V3: HIGHFLEX-LIFY 1.000 V Messader / measuring core