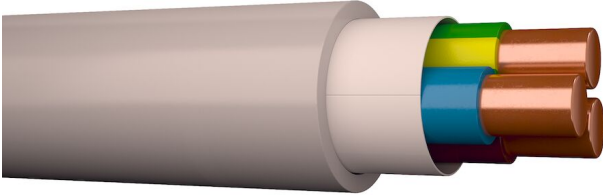


## EASY STRIP D 500V

Halogenfree light installation cable



### DESCRIPTION

Halogen-free and fire-retardant light installation cable for fixed indoor installation in walls, trays, ducts or outdoors, in pipes or directly in soil. Not suitable for application in vibrated concrete. Max. conductor temperature 90°C. Outer sheath is UV-stabilized and the cable is CPR fire class Dca.

### CERTIFICATION, APPROVAL & STANDARD



EN 50575

EN 60228

EN 50363

EN 50399

EN 50267-2-1

EN 50267-2-2

REACH

ROHS

EPD

Cables in construction works subject to reaction to fire  
Conductor standard

Standard for insulation, sheathing and covering materials

Heat release and smoke production during flame propagation test

Halogen-free: Fire test for emission of halogens (<0,5% halogen)

Fire test for emission of acidity or corrosive gasser (pH ≥ 4,3,  
Conductivity ≤ 10μS)

Regulation concerning the Registration, Evaluation,  
Authorisation and Restriction of CHEMICALS.

RoHS compliance - restriction of hazardous substances  
directive

ISO-14025 type III and EN 15804:2012 +A2:2019

### CONSTRUCTION

Conductor material	Copper
Conductor surface	Bare
Core insulation material	XLPE
Material inner sheath	Halogenfree polymer
Material outer sheath	Halogenfree polymer
Cable shape	Round

### ELECTRICAL PROPERTIES

Nominal voltage U <sub>0</sub> [V]	300
Nominal voltage U [V]	500
Test voltage [kV]	2

## FIRE PROPERTIES

Flame retardant	In accordance with EN/IEC 60332-1-2
Halogen free	acc. IEC/EN 60754-1/2
Low smoke	acc. IEC/EN 61034-2
Reaction-to-fire class (acc. EN 13501-6)	Dca
Smoke development class (acc. EN 13501-6)	s2
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a1

## THERMAL PROPERTIES

Max. conductor temperature [°C]	90
Max. conductor temperature at short circuit [°C]	250
Permitted cable outer temperature during assembling/handling (min) [°C]	-5

## MECHANICAL PROPERTIES

Bending radius (rule)	$D \leq 8 = 4xD$ ; $D > 8 \leq 12 = 5xD$ ; $D > 12 = 6xD$
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## APPLICATION PROPERTIES

UV resistant	Yes
Outdoor installation	Yes
Underground installation	Yes
Suitable as installation cable	Yes

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**DELIVERY INFORMATION**

Basic construction	Cable weight [kg/km]	Standard packaging quantity	SAP code	EAN-code (GTIN)
1G2,5 mm <sup>2</sup>	55	100	20474129	4741532912459
1G2,5 mm <sup>2</sup>	55	500	20474130	4741532912473
1G2,5 mm <sup>2</sup>	55	3,000	20474135	4741532912466
1G6 mm <sup>2</sup>	95	100	20474141	4741532912480
1G6 mm <sup>2</sup>	95	500	20474136	4741532912497
1G10 mm <sup>2</sup>	140	500	20474137	4741532912510
1G10 mm <sup>2</sup>	140	50	20474142	4741532912503
1G16 mm <sup>2</sup>	200	500	20474143	4741532912527
3G1,5 mm <sup>2</sup>	85	500	20474087	4741532912565
3G1,5 mm <sup>2</sup>	85	100	20474086	4741532912541
3G1,5 mm <sup>2</sup>	85	4,000	20474112	4741532912558
3G1,5 mm <sup>2</sup>	85	300	20474111	4741532912534
3G2,5 mm <sup>2</sup>	120	3,000	20474114	4741532912596
3G2,5 mm <sup>2</sup>	120	100	20474088	4741532912589
3G2,5 mm <sup>2</sup>	120	500	20474089	4741532912602
3G2,5 mm <sup>2</sup>	120	250	20474113	4741532912572
4X6 mm <sup>2</sup>	342	500	20491836	643006575585
4X10 mm <sup>2</sup>	486	500	20491809	643006575584
4X16 mm <sup>2</sup>	774	500	20491881	643006575580
4X25 mm <sup>2</sup>	1,228	500	20478604	643006575560
5G1,5 mm <sup>2</sup>	125	500	20474121	4741532912640
5G1,5 mm <sup>2</sup>	125	250	20474115	4741532912619
5G1,5 mm <sup>2</sup>	125	3,000	20474116	4741532912633
5G1,5 mm <sup>2</sup>	125	100	20474090	4741532912626
5G2,5 mm <sup>2</sup>	175	100	20474122	4741532912664
5G2,5 mm <sup>2</sup>	175	500	20474123	4741532912688
5G2,5 mm <sup>2</sup>	175	2,500	20474118	4741532912671
5G2,5 mm <sup>2</sup>	175	200	20474117	4741532912657
5G4 mm <sup>2</sup>	280	50	20474119	4741532912701
5G4 mm <sup>2</sup>	280	100	20474124	4741532912695
5G4 mm <sup>2</sup>	280	500	20474120	4741532912718
5X6 mm <sup>2</sup>	417	500	20486637	643006575576
5X10 mm <sup>2</sup>	637	500	20491893	643006575572
5X16 mm <sup>2</sup>	948	500	20491886	643006575568
5X25 mm <sup>2</sup>	1,502	500	20491889	643006575564

## DELIVERY INFORMATION

Basic construction	Cable weight [kg/km]	Standard packaging quantity	SAP code	EAN-code (GTIN)
7G1,5 mm <sup>2</sup>	160	500	20474131	4741532912756
7G1,5 mm <sup>2</sup>	160	2,500	20474127	4741532912749
7G1,5 mm <sup>2</sup>	160	100	20474125	4741532912732
7G1,5 mm <sup>2</sup>	160	200	20474126	4741532912725
7G2,5 mm <sup>2</sup>	230	500	20474133	4741532912794
7G2,5 mm <sup>2</sup>	230	150	20474128	4741532912763
7G2,5 mm <sup>2</sup>	230	2,500	20474134	4741532912787
7G2,5 mm <sup>2</sup>	230	100	20474132	4741532912770

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## MECHANICAL AND ELECTRICAL DATA

Basic construction	Conductor category	Shape of conductor	Nominal outer diameter [mm]	Core colours	Current carrying capacity [A]
1G2,5 mm <sup>2</sup>	Class 1 = solid	Round	6	Yellow/green	36
1G6 mm <sup>2</sup>	Class 1 = solid	Round	7	Yellow/green	41
1G10 mm <sup>2</sup>	Class 1 = solid	Round	8	Yellow/green	86
1G16 mm <sup>2</sup>	Class 1 = solid	Round	9	Yellow/green	41
3G1,5 mm <sup>2</sup>	Class 1 = solid	Round	8	Yellow/green, blue, brown	26
3G2,5 mm <sup>2</sup>	Class 1 = solid	Round	9	Yellow/green, blue, brown	36
4X6 mm <sup>2</sup>	Class 2 = stranded	Round	14	Blue, brown, black, grey	42
4X10 mm <sup>2</sup>	Class 2 = stranded	Round	16	Blue, brown, black, grey	75
4X16 mm <sup>2</sup>	Class 2 = stranded	Round	18	Blue, brown, black, grey	100
4X25 mm <sup>2</sup>	Class 2 = stranded	Round	23	Blue, brown, black, grey	127
5G1,5 mm <sup>2</sup>	Class 1 = solid	Round	9	Yellow/green, blue, brown, black, grey	23
5G2,5 mm <sup>2</sup>	Class 1 = solid	Round	10	Yellow/green, blue, brown, black, grey	32
5G4 mm <sup>2</sup>	Class 1 = solid	Round	13	Yellow/green, blue, brown, black, grey	42
5X6 mm <sup>2</sup>	Class 2 = stranded	Round	15	Yellow/green, blue, brown, black, grey	54
5X10 mm <sup>2</sup>	Class 2 = stranded	Round	18	Yellow/green, blue, brown, black, grey	75
5X16 mm <sup>2</sup>	Class 2 = stranded	Round	20	Yellow/green, blue, brown, black, grey	100
5X25 mm <sup>2</sup>	Class 2 = stranded	Round	26	Yellow/green, blue, brown, black, grey	127
7G1,5 mm <sup>2</sup>	Class 1 = solid	Round	10	Yellow/green, blue, brown, black, grey, red, white	18
7G2,5 mm <sup>2</sup>	Class 1 = solid	Round	11	Yellow/green, blue, brown, black, grey, red, white	25

\* Nominal values

\* Current-carrying capacities according to IEC60364-5-52 method E or F