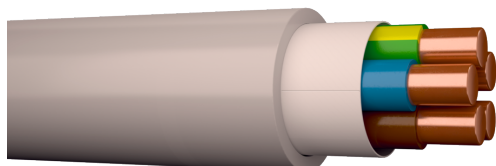


## Building wire 300/500 V

### Slim Line 500 V



#### Application

Halogen-free and fire retardant building wire for fixed installation indoors in walls, trays or ladders or outdoors in pipes, air or directly in soil. Not suitable for installation in vibrated concrete. UV-stabilized for 1,5 and 2,5 cores. Slim Line is listed in the Ecolabel database over products suitable for Svanemærket certified buildings.

#### Approval

CE

#### Flame retardance

IEC 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

#### Standard

DIN VDE 0250-215  
SS 424 02 19 -5  
CENELEC HD 604  
EN 50575:2014  
IEC 60754-1, -2  
IEC 61034

#### Construction

Halogen free material  
Cables for general applications in construction works subject to reaction to fire requirements  
Corrosive gases  
Smoke density

#### Construction

Cable Shape  
Conductors

Round  
1,5 - 2,5 mm<sup>2</sup> solid annealed copper acc. to IEC 60228 Cl. 1. 6 - 25 mm<sup>2</sup> - strandet annealed copper wires acc. to IEC 60228 Cl. 2.

Conductor Insulation  
Marking of cores

XLPE  
1 G: Yellow/green  
3 G: Yellow/green, blue, brown  
4 G: Yellow/green, blue, brown, black  
4 x: Blue, brown, black, grey  
5G: Yellow/green, blue, brown, black, grey  
7G: Yellow/green, blue, brown, black, grey, red, white  
Halogen free compound, UV resistant.  
Light grey and meter marked

Outer Sheath

#### Temperature

Maximum operating Temperature 90°C  
Minimum operating Temperature for cable type - 40°C  
[°C]  
Temperatures at installation [°C] min. -5°C to 50°C

#### Features

CPR Performance class

Eca - EE DoP no. 1007808, FI DoP no. 1001865  
<https://dk.prysmiangroup.com/dop>  
UV resistant

UV resistance  
Additional Feature Information

HD 60364-5-52:2011 table B.52.12  
< 25mm: 4 x D, 25mm≤D≤50mm: 5 x D, >50mm: 6 x D  
Meet the demand for REACH  
Meet the demand for RoHS

Bending radius  
REACH/SVHC declaration  
RoHS declaration

**Electrical**Max. short circuit temperature [°C]  
Test Voltage [kV]250 °C  
2 kV AC

Conductors and screen area [mm <sup>2</sup> ]	Diameter over sheath [mm]	Cable weight [kg/km]	Delivery Package	EAN/GTIN number	EAN Solar	Max current load in air [A]
1G2,5	6	55	R100	6430010757443		36
1G2,5	6	55	T500	6430010757436		36
1G6	7	95	T500	6430010757450		63
1G10	8	140	T500	6430010757467		86
1G16	9	200	T500	6430010757474		115
3G1,5	8	90	R100	6430010757498		26
3G1,5	8	90	T500	6430010757481		26
3G2,5	9	130	R100	6430010757511		36
3G2,5	9	130	T500	6430010757504		36
4G2,5	9,5	160	R100	6430010757535		32
4G2,5	9,5	160	T500	6430010757528		32
4X6	15	400	T250	6430010757429		54
4X6	15	400	T500	6430010757542		54
4X10	17	600	T250	6430010757559		75
4X10	17	600	T500	6430010757566		75
4X16	20	870	T500	6430010757573		100
4X25	25	1400	T500	6430010757580		127
5G1,5	9	130	R100	6430010757603		23
5G1,5	9	130	T500	6430010757597		23
5G2,5	10	190	R100	6430010757627		32
5G2,5	10	190	T500	6430010757610		32
5G6	16	465	T250	6030010757634		54
5G6	16	465	T500	6430010757634		54
5G10	19	720	T500	6430010757658		75
5G16	22	1100	T500	6430010757665		100
5G25	27	1700	T500	6430010757672		127
7G1,5	10	160	R100	6430010757696		18
7G1,5	10	160	T500	6430010757689		18