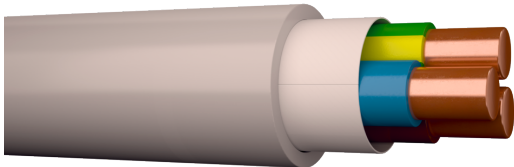


Building wire 300/500 V

Prysmian Gold 300/500 V



Application

Halogen-free UV resistant building wire for fixed installation in buildings, channels, in open air and in the ground. Do not cast in vibrated concrete. The insulation is UV resistant. Installed acc. to The Danish Heavy Regulations.

Flame retardance

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

Approval

CE

Standard

EN 50363
EN 60228
EN 50267-1
EN 50267-2-3
EN 61034-1-2
EN 50575:2014

Design standard
Conductor standard
Hologen free material
Corrosive gases

Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

Construction

Cable Shape
Conductors
Conductor Insulation
Marking of cores

Round
1,5 -2,5 mm² solid annealed copper acc. to IEC 60228 Cl. 1
XLPE, UV resistant
3 G: Yellow/green, blue, brown
5 G: Yellow/green, blue, brown, black, grey
Halogen free compound

Outer Sheath

Temperature

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

Features

CPR Performance class

Class. Dca-s2,d2,a1 DOP no. 1006025
<https://dk.prysmiangroup.com/dop>

UV resistance
Additional Feature Information
Bending radius
REACH/SVHC declaration
RoHS declaration

UV resistant
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

Electrical

Max. short circuit temperature [°C]
Test Voltage [kV]

250 °C
2 kV AC

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	DC Resistance at +20°C [Ω/km]	Standard delivery length [m]	Delivery Package	EAN/GTIN number	Max current load in air [A]
3G1,5	7,7	94	12,1	100	R100	8430220501032	23
3G1,5	7,7	94	12,1	500	T500	8430220500882	23
5G1,5	9	133	12,1	100	R100	8430220501056	23
5G1,5	9	133	12,1	500	T500	8430220500943	23
5G2,5	10	186	7,41	100	R100	8430220501063	32
5G2,5	10	186	7,41	500	T500	8430220500950	32