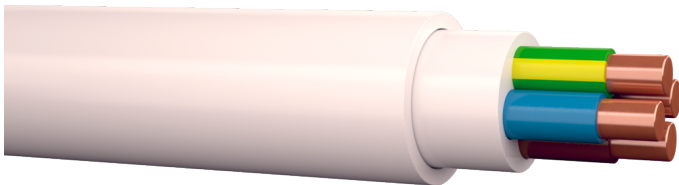


## Installation cables 500 & 750V

### XPJ 300/500V



#### Application

For fixed surface or flush-mounted installations, indoors and outdoors. Suitable for installation in a slot covered with a plaster. Not for installation directly in ground or directly in concrete without protective ducting. Cable needs protection from direct sunlight. Core insulation should be protected from direct UV radiation, which may occur inside lighting for example.

#### Approval

CE

#### Flame retardance

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

#### Standard

EN 50525-1  
EVS 720  
CENELEC HD 308 S2  
IEC 60228  
HD 60364-5-52  
EN 50575:2014

Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)  
Wiring cables  
Identification of cores in cables  
Conductor standard  
Selection and erection of electrical equipment. Wiring systems.  
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

#### Construction

Cable Shape	Round
Conductors	Solid
Conductor Insulation	XLPE
Marking of cores	Color
Outer Sheath	PVC

#### Temperature

Maximum operating Temperature	70°C
Temperatures at installation [°C]	-15°C

#### Features

CPR Performance class	Eca
UV resistance	No

#### Electrical

Max. short circuit temperature [°C]	250
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Conductors and screen area [mm <sup>2</sup> ]	Standard delivery length [m]	Delivery Package	EAN/GTIN number	SAP Number
2x1,5	100	Coil	4741532028006	20156314
3x1,5	100	Coil	4741532028136	20156315
3G1,5	100	Coil	4741532028112	20155363
3G1,5	500	KE S500	4741532028198	20169532
3G1,5	1000	K6	4741532028129	20156318
4G1,5	100	Coil	4741532028310	20156316
4G1,5	500	KE S500	4741532028303	20170186
4G1,5	1000	K6	4741532028327	20163809
5G1,5	100	Coil	4741532028518	20155360
5G1,5	200	KE S500	4741532028532	20167292
3G2,5	100	Coil	4741532028143	20155361
3G2,5	500	K6	4741532028211	20169533
3G2,5	1000	K7	4741532028150	20156319
4G2,5	100	Coil	4741532028341	20156317
4G2,5	1000	K7	4741532028358	20167295
5G2,5	50	Coil	4741532028549	20155362
5G2,5	50	Coil	4741532029515	20163301
5G2,5	500	K6	4741532028617	20169534
5G2,5	750	K7	4741532028556	20162235

Conductors and screen area [mm <sup>2</sup> ]	Diameter over sheath [mm]	Cable weight [kg/km]	Min. Bending radius at final installation [mm]	Min. Bending radius during installation [mm]	Resistance [Ω/km]
2x1,5	7,6	87	25	40	12,1
3x1,5	7,9	100	25	40	12,1
3G1,5	8	100	25	40	12,1
4G1,5	8,6	122	30	45	12,1
5G1,5	9	150	30	50	12,1
3G2,5	9	140	30	45	7,41
4G2,5	9,6	170	30	50	7,41
5G2,5	10	205	35	55	7,41