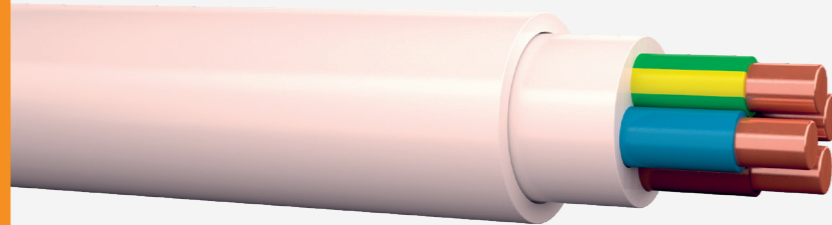


## Installation cables 500 & 750V

# XPJ 300/500V



Eca

### 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.

### STANDARDS

EN 60228	EVS 720
EN 50575:2014	LST 2010
EVS 720	LVS 1055
HD 308-S2	
HD 60364-5-52	
EN 60332-1-2	

### CONSTRUCTION

<b>Cable shape</b>	Round
<b>Conductor</b>	Solid annealed copper conductor (class 1)
<b>Insulation</b>	Black XLPE
<b>Sheath</b>	White PVC

### MARKING OF CORES

2x	- blue, brown
3x	- brown, black, grey
3G	- green-yellow, blue, brown
4G	- green-yellow, blue, brown, black
5G	- green-yellow, blue, brown, black, grey

### PROPERTIES

Maximum conductor temperature	+70°C
Minimum handling temperature	-15°C
Maximum short circuit temperature	+250°C
CPR Class	Eca
UV-resistance	None

Conductors and cross section [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 cross section [mm <sup>2</sup> ]	Outer diameter ca [mm]	Cable weight [kg/km]	Min final single bending radius [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