

XPJ 300/500

XLPE insulated installation cable



Application

For fixed surface or flush-mounted installations, indoors and outdoors. Suitable for installation in a slot covered with 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.

Max. permissible tensile stress during installation Ax50 N/mm²

Rated voltage

U₀/U=300/500 V

Temperature range

Highest permissible conductor temperature
- in continuous operation 70 °C
- in a short circuit (max. 5 s) 250 °C
Lowest recommended handling temperature -15 °C

Bending radius

Recommended during installation min. 10D
In a final installation if bent only once min 3D

Construction

Conductor annealed one core copper conductor, IEC 60228 class 1
Insulation XLPE, core identification by colours
Filling filling compound
Sheath white PVC

Identification of cores

Core identification according to the HD 308 S2
X type without green/yellow core
2-core blue, brown
3-core brown, black, grey
G type with green/yellow core
3-core green/yellow, blue, brown
4-core green/yellow, blue, brown, black
5-core green/yellow, blue, brown, black, grey

Standards

EVS 720:2015
IEC 60332-1

Certificate/approval

CE 

Conductors x cross section	EAN code, reel	EAN code, drum	Overall diameter	Total weight	Direct current resistance of conductor at 20 °C max	Standard delivery length, reel	Standard delivery length, drum	Drum type
mm ²			mm	kg/km	Ω/km	m	m	
2x1,5	4741532028006		7,6	87	12,1	100		
3x1,5	4741532028136		7,8	100	12,1	100		
3G1,5	4741532028112	4741532028105	7,8	100	12,1	100	300	pool
3G1,5		4741532028129	7,8	100	12,1		1000	K6
3G2,5	4741532028143	4741532028167	8,8	139	7,41	100	300	pool
3G2,5		4741532028150	8,8	139	7,41		1000	K7
4G1,5	4741532028310	4741532028327	8,6	121	12,1	100	1000	K7
4G2,5	4741532028341	4741532028358	9,5	167	7,41	100	1000	K7
5G1,5	4741532028518	4741532028501	9,2	146	12,1	100	200	pool
5G1,5		4741532028532	9,2	146	12,1		500	K6
5G2,5	4741532028549	4741532028587	10,5	211	7,41	50	200	pool
5G2,5	4741532028563	4741532028556	10,5	211	7,41	100	750	K7