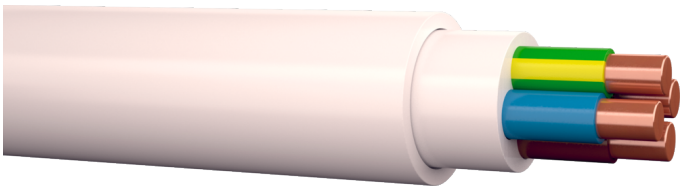
Draka

A brand of the Prysmian Group

Installation cables 500 & 750V

XPJ-HF D 300/500V

Afumex®



Application

Halogen free and flame retardant cable. Smoke generation in the event of fire is small, transparent (to facilitate evacuation) and not harmful to electronic equipment. 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.

Flame retardance

EN 60332-1-2 - Vertical flame propagation for a single insulated wire or cable
EN 60332-3 - Tests on electric and optical fibre cables under fire conditions. Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables.

Approval

CE

Standard

EVS 720	Wiring cables
EN 50363-8	Halogen-free, thermoplastic sheathing compounds
EN 50525-1	Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)
EN 60228	Conductor standard
HD 60364-5-52	Selection and erection of electrical equipment. Wiring systems.
SS-EN 50267-2-2	Corrosive gases
SS-EN 50268-2	Smoke density
EN 50575:2014	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	White halogen free polymer

Temperature

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

Features

CPR Performance class	Dca-s2d2a2
UV resistance	No

Electrical

Max. short circuit temperature [°C]	250

Conductors and screen area	Standard delivery length	Delivery Package	EAN/GTIN number	SAP Number

2x1,5	100	Coil	4741532030207	20213903
3x1,5	100	Coil	4741532030337	20213904
3G1,5	100	Coil	4741532030313	20213905
3G1,5	300	KE S500	4741532030306	20216321
3G1,5	500	KE S500	4741532030399	20216319
3G1,5	1000	K6	4741532030320	20216320
4G1,5	100	Coil	4741532030511	20213906
4G1,5	500	K6	4741532030504	20216322
4G1,5	1000	K6	4741532030528	20216323
5G1,5	100	Coil	4741532030719	20213907
5G1,5	500	KE S500	4741532030702	20216325
5G1,5	500	K6	4741532030733	20216324
3G2,5	100	Coil	4741532030344	20213908
3G2,5	300	KE S500	4741532030368	20216328
3G2,5	500	K6	4741532030344	20216326
3G2,5	1000	K6	4741532030351	20216327
4G2,5	100	Coil	4741532030542	20216329
4G2,5	1000	K6	4741532030559	20216330
5G2,5	100	Coil	4741532030764	20213909
5G2,5	200	KE S500	4741532030788	20216333
5G2,5	500	K6	4741532030818	20216331
5G2,5	750	K6	4741532030757	20216332

Conductors and screen area [mm2]	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	8	90	25	40	12,1
3x1,5	8	105	25	40	12,1
3G1,5	8	105	25	40	12,1
4G1,5	9	125	30	45	12,1
5G1,5	9,5	150	30	50	12,1
3G2,5	9	140	30	45	7,41
4G2,5	9,5	168	30	50	7,41
5G2,5	10,5	208	35	55	7,41