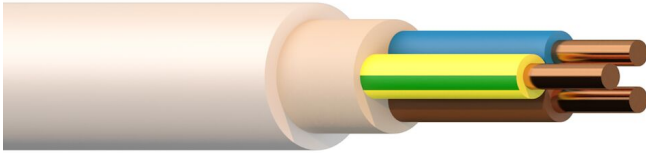


## PFXP-EX 500V

### Installation Cable



### GENERAL INFO

Fixed bedding, in pipes, duct, in or under plaster, cable ladder or suspended in wire. Can be used indoors and outdoors, though not misplaced in the ground or in water. UV-protected for outdoor use. The conductor insulation must be protected against direct UV light which may occur by, for example, connecting in lighting fixtures or light signs

Cenelec: NO-05XV-U

### CABLE CONSTRUCTION

Conductor material	Copper
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Material inner sheath	Other
Material outer sheath	Polyvinyl chloride (PVC)
Cable shape	Round

### MARKING TEXT ON OUTER SHEATH (EXAMPLE)

Insulation colours:

3G = Yellow/Green - Blue - Brown

4G = Yellow/Green - Brown - Black - Grey

5G = Yellow/Green - Blue - Brown - Black - Grey

## STANDARDS APPLIED



<b>Construction</b>	NEK 535
<b>Flame retardant</b>	Yes
<b>Halogenfree</b>	No

## APPLICATION PROPERTIES

Nominal voltage U0 [V]	300
Nominal voltage U [V]	500
Rated voltage U0/U (Um)	300/500 V
Flame retardant	In accordance with EN/IEC 60332-1-2
Reaction-to-fire class (acc. EN 13501-6)	Eca
Max. conductor temperature [°C]	90
Min. outer temperature, fixed installation [°C]	-40
Max. outer temperature, fixed installation [°C]	70
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-15
Suitable as installation cable	Yes
Bending radius (rule)	3xD

## PRODUCT RANGE / ORDER DATA

Basic construction	Colour outer sheath	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
3G1,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	50		20140437	1000276
3G1,5mm <sup>2</sup>	White	1003021	Bobbin	300	6430010753230	20140438	1000270
3G2,5mm <sup>2</sup>	White	1005732	Trekk&Kapp	50		20140436	1000277
3G2,5mm <sup>2</sup>	White	1005732	Bobbin	300	6430010753261	20140298	1000278
4G1,5mm <sup>2</sup>	White	1003021	Bobbin	250	6430010754084	20152468	1000271
4G2,5mm <sup>2</sup>	White	1003021	Bobbin	200	6430010754091	20152469	1000274
5G1,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	50		20140439	1000280
5G1,5mm <sup>2</sup>	White	1003021	Bobbin	250	6430010754107	20142440	1000272
5G2,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	40		20140440	1000281
5G2,5mm <sup>2</sup>	White	1003021	Bobbin	200	6430010754114	20142441	1000275

ER = Copper solid round

FR = Copper stranded round

FV = Copper stranded sectorshaped

AFR = Aluminium stranded round

AFV = Aluminium stranded sectorshaped

## DIMENSIONAL DATA

Basic construction	Conductor category	Nominal outer diameter [mm]	Cable weight [kg/km]	Fire load [MJ/km]
3G1,5mm <sup>2</sup>	Class 1 = solid	8	97.5	
3G2,5mm <sup>2</sup>	Class 1 = solid	8.5	133	
4G1,5mm <sup>2</sup>	Class 1 = solid	8.5	119.5	
4G2,5mm <sup>2</sup>	Class 1 = solid	9.5	170	
5G1,5mm <sup>2</sup>	Class 1 = solid	9	143	
5G2,5mm <sup>2</sup>	Class 1 = solid	10.5	203	

ER = Copper solid round

FR = Copper stranded round

FV = Copper stranded sectorshaped

AFR = Aluminium stranded round

AFV = Aluminium stranded sectorshaped

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