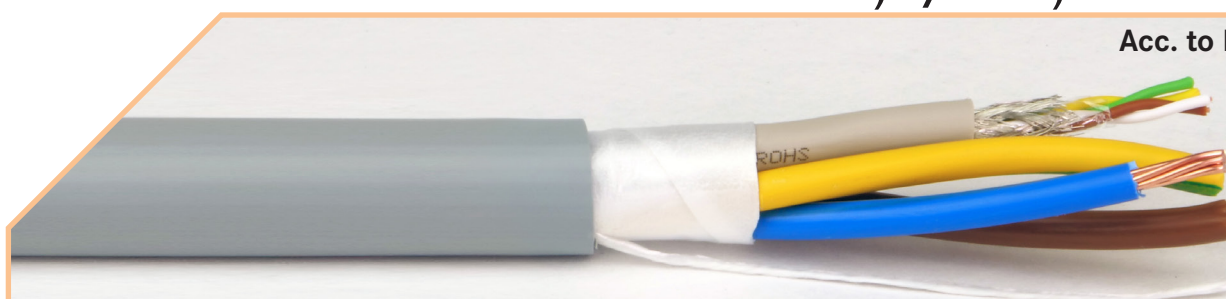


## PFXP CHARGEline 0,6/1kV, RS422/485

Acc. to HD 603-3J



**PFXP CHARGEline is a hybrid cable intended use for charging systems for electric cars. Here you get PFXP and signal cable (Li2YCY (TP)) for control united, in 1 cable.** This makes the installation job faster and easier. You also get the opportunity for communication both ways, since the signal cable consists of 2 pairs.

The cable is based on the Norwegian standard for "PFXP 0,6/1kV cable" according to HD 603-3J, as well as a 2 pair of data cable for bus/data systems based on RS422 / RS485 interface. The signal cable is a shielded Li2YCY (TP) with low capacitance and has its own outer sheath. Can be used for fieldbus protocols such as Modbus, CANbus or similar that communicate over RS422 / RS485.

PFXP CHARGEline is UV resistant and can be used indoors and outdoors. For direct burial with additional suitable underground protection. The cable has a stripping cord for easy dismantling of outer jacket. It is also oil- and hydrocarbon resistant.



CONSTRUCTION	
Core	Bare stranded copper + Li2YCY (TP), IEC 60228 class 2
Core insulation	PVC, CEI EN 50363-0
Inner covering	PP-S tape, 0,3 mm Stripping cord
Outer sheath	PVC grey, RAL 7001, UV resistant
TECHNICAL DATA	
Core identification	Color coded
Bending radius	8 x outer diameter
Nominal voltage U <sub>0</sub> / U	0,6/1kV
Test voltage	PFXP: 3,5kV Li2YCY (TP): Core/core 2kV, Core/screen 1kV
Temperature area	- 40°C til + 70°C
ETIM class	EC003248 Cable <1kV, fixed installation

STANDARDS / MATERIAL CHARACTERISTICS	
UV-resistant	Acc. to. IEC 60068-2-5, method B, 20 cycles, no cracks
Oil-resistant	Yes, IEC 60811-404, with IRM 902 oil / 70°C/4 h.
Hydrocarbon resistant	Yes, CEI 20-34/0-1
CPR class	Eca

Elnr.	Item no.	Type	Pull- ing force N	Color code	Conductor resistance at 20°C Ω/km	Outerdia. mm	Drum size (meter)	Weight kg/km
1025081	381151129	PFXP CHARGEline 0,6-1kV, RS485/422 <b>3G6mm<sup>2</sup> HD 603-3J</b>	901	Yellow-green, blue, brown	≤3,08 Ω/km	16,9-20,7	150	366
1025082	381151461	PFXP CHARGEline 0,6-1kV, RS485/422 <b>5G6mm<sup>2</sup> HD 603-3J</b>	1502	Yellow-green, blue, brown black, grey	≤3,08 Ω/km	20-24,3	150	574
1025084	381151459	PFXP CHARGEline 0,6-1kV, RS485/422 <b>4G16mm<sup>2</sup> HD 603-3J</b>	3223	Yellow-green, brown, black, grey	≤1,15 Ω/km	22,8-27,8	250,500	943
1025083	381151460	PFXP CHARGEline 0,6-1kV, RS485/422 <b>5G16mm<sup>2</sup> HD 603-3J</b>	4028	Yellow-green, blue, brown black, grey	≤1,15 Ω/km	24,8-30,1	250,500	1143