



**PolyFIX XLPE installation multicore
n x 2 x 0.22 mm² - FRNC**

- 0.22 mm² conductor cross section (AWG 24)
- double shielding (pair + overall AL-foil)
- XLPE insulation (cross-linked PE)
- soldering without shrinking
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575

FRNC

Eca

The multicore range for installations. Large conductor cross-sections, low capacitances, precise paired twisting and double shielding (foil-shielded pairs plus overall foil shield) ensure distortion- and interference-free transmission of analog audio signals. With the latest generation of this cable a conductor insulation from cross-linked polyethylene is applied to avoid shrinking during soldering. The tough FRNC outer sheath ensures easy installation in cable ducts.

construction

cond. construction	stranded tinned copper, 7 x 0.20 mm (AWG 24/7)
cond. cross section	0.22 mm ²
insulation	XLPE, red & blue
pair shielding	stranded tinned copper drain wire + AL/PET foil
pair jacket	FRNC, grey, numbered
cable stranding	n pairs twisted in layers
overall shield	stranded tinned copper drain wire + AL/PET foil
outer jacket	FRNC

electric

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	90 pF/m
cond./shield	170 pF/m
crosstalk attenuation	>15 kHz / 100 dB
test voltage	
cond./cond.	1200 V
cond./shield	500 V

mechanics

min. bending radius	10x overall diameter
working temperature	-30°C / +70°C
halogen-free	acc. to IEC 60754-2
flame retardancy	acc. to IEC 60332-1-2

order code	no. of pairs	outer Ø mm	cable color	weight kg/m	standard lengths m
PX22XH02	2	8.0	black	0.08	20 / 30 / 50 / 100 / 200 / 300
PX22XH04	4	9.5	black	0.11	20 / 30 / 50 / 100 / 200 / 300
PX22XH08	8	12.3	black	0.19	20 / 30 / 50 / 100 / 200 / 300
PX22XH12	12	15.0	black	0.29	20 / 30 / 50 / 100 / 200 / 300
PX22XH16	16	16.8	black	0.36	20 / 30 / 50 / 100 / 200 / 300
PX22XH24	24	20.2	black	0.51	20 / 30 / 50 / 100 / 200

technical specifications are subject to change