

**PolyWIRE XLPE studio multicore****n x 2 x 0.22 mm<sup>2</sup> - PVC**

- 0.22 mm<sup>2</sup> conductor cross section (AWG 24)
- XLPE insulation (cross-linked PE)
- heat-resistant, easy and reliable
- soldering without shrinking
- AL/PET foil shielded pairs
- flexible PVC jacket

**PVC**

The KLOTZ PolyWIRE has been the European bestseller for years in the range of studio connection and installation cables. By the use of a specific PVC the cable is robust and still ultra-flexible and lies flat without looping when laid out or installed. The good audio performance results from generous conductor cross section together with low capacitance. Numbered pair jackets make the assembly easier and labelling dispensable. With the latest generation of this cable a conductor insulation from cross-linked polyethylene is applied to avoid shrinking during soldering.

**construction**

cond. construction	stranded tinned copper, 7 x 0.20 mm
cond. cross section	0.22 mm <sup>2</sup>
insulation	XLPE, red & blue
core arrangement	2 cores twisted to a pair
pair shielding	stranded tinned copper drain wire + AL/PET foil
pair jacket	PVC, color coded in steps of 8 pairs and numbered consecutively
cable stranding	n pairs twisted in layers
outer jacket	PVC, soft, matt

**electric**

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	85 pF/m
cond./shield	170 pF/m
crosstalk attenuation	> 15 kHz / 100 dB
insulation resistance	> 50 GΩ x km
test voltage	
cond./cond.	1000 V
cond./shield	500 V

**mechanics**

min. bending radius	5x overall diameter
working temperature	-20°C / +70°C

order code	no. of pairs	outer Ø mm	cable color	weight kg/m	standard lengths m
PW02X	2	8.0	black	0.06	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
PW04X	4	9.5	black	0.1	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
PW06X	6	11.6	black	0.17	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
PW08X	8	12.5	black	0.19	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
PW12X	12	15.0	black	0.26	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
PW16X	16	17.0	black	0.35	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200
PW20X	20	19.0	black	0.42	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200
PW24X	24	21	black	0.49	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200
PW32X	32	24.0	black	0.64	6 / 10 / 15 / 20 / 30 / 50 / 100
PW40X	40	26.5	black	0.8	6 / 10 / 15 / 20 / 30 / 50 / 100

technical specifications are subject to change