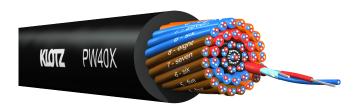
wiring / installation balanced





bulk cables

studio multicore PolyWIRE XLPE - n x 2 x 0.22 mm²

- ultra flexible
- XLPE insulation (cross-linked PE)
- high temperature properties
- · easy and reliable soldering without shrinking

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 cond. cross section insulation core arrangement pair shielding pair jacket

cable stranding outer jacket

stranded tinned copper, 7 x 0.20 mm 0.22 mm² XLPE, red & blue 2 cores twisted to a pair

stranded tinned copper drain wire + AL/PET foil PVC, color coded in steps of 8 pairs and numbered consecutively

n pairs twisted in layers PVC. soft. matt

mechanics

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

electric

conductor resistance capacitance cond./cond. cond./shield crosstalk attenuation insulation resistance test voltage

cond./cond. cond./shield < 85 Ω/km

85 pF/m 170 pF/m > 15 kHz / 100 dB > 50 G Ω x km

1000 V 500 V

| order code | no. of pairs | outer Ø | colour | weight | standard lengths |
|------------|--------------|---------|--------|--------|--|
| | | mm | | kg | m |
| PW02X | 2 | 8.0 | black | 0,065 | 6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300 |
| PW04X | 4 | 9.5 | black | 0,105 | 6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300 |
| PW06X | 6 | 11.6 | black | 0.18 | 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 | 21.0 | black | 0.49 | 6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 |
| PW32X | 32 | 24.0 | black | 0,642 | 6 / 10 / 15 / 20 / 30 / 50 / 100 |
| PW40X | 40 | 26.5 | black | 0,8 | 6/10/15/20/30/50/100 |

Tel.: +49.(0)8106.308.0

Fax: +49.(0)8106.308.101

technical specifications are subject to change

