

LIF12YD11Y highly flexible TPE/PUR data cable with DY

Construction

- Cable: Highly flexible TPE/PUR data cable, totally shielded
Data cable with PUR jacket in reference with DIN VDE 0812
- Wires: Bare copper stranding
Extra fine copper stranding according to VDE 0295 min. cl. 6, IEC 60228 at least class 6 and HDD 383
- Conductors: TPE-E conductor insulation (thermoplastic elastomer)
Conductors in layers with optimal lay-up length
- Core identification: Coloured cores
Core identification according to DIN 47100 (see colour code table in chapter Technology and information)
- Shielding: DY-shielding
Shielded by a lap of bare copper or tinned copper wires
Minimum optical coverage of 90%
- Outer sheath: PUR jacket
Outer sheath fully extruded, sheathing material TPU in reference with VDE 0282 part 10, appendix A
- CE: According to regulation EG 1907/2006 (REACH) and EG directive 2002/95/EG (ROHS) as well as EG low voltage directive 2011/65/EG

Technical Data

- Nominal voltage U_0/U : up to 0,14 mm² - 100 V
from 0,25 mm² - 300 V
- Test voltage: 1.000 V
- Temperature range: -25°C up to +70°C
- Other properties: Very high flexibility - even in cold conditions. High notch and abrasion resistance, tear and cut resistant. Oil resistant according to VDE 0472 part 803/B. All materials used in the manufacturing process are free of silicon, cadmium and free of substances harmful to the wetting properties of lacquers.

Dimensions n x mm ²	Cable Ø ca. mm	Coil Ø ca. mm	Extension ratio L0:L	Coiled length (max.) L0 ca. mm	Colours	Article-Number
1 x 0,08	2,1	7,2	1:4	5000	bk	46720100810
2 x 0,14	3,8	13,6	1:4	5000	bk	46720201410
2 x 0,20	4,0	14,0	1:4	5000	bk	46720202010
2 x 0,25	4,5	16,0	1:4	5000	bk	46720202510
2 x 0,5	5,5	20,0	1:4	5000	bk	46720205010

Dimensions n x mm²	Cable Ø ca. mm	Coil Ø ca. mm	Extension ratio L0:L	Coiled length (max.) L0 ca. mm	Colours	Article-Number
3 x 0,14	4,1	15,2	1:4	5000	bk	46720301410
3 x 0,25	4,6	17,2	1:4	5000	bk	46720302510
4 x 0,08	4,0	14,0	1:4	5000	bk	46720400810
4 x 0,14	4,6	16,2	1:4	5000	gr, bk	467204014+colour
4 x 0,25	5,0	18,0	1:4	5000	bk	46720402510
4 x 0,5	5,8	21,6	1:4	5000	bk	46720405010
5 x 0,14	4,6	17,2	1:4	5000	bk	46720501410
5 x 0,25	5,4	19,8	1:4	5000	or	46720502507
6 x 0,14	5,2	19,4	1:4	5000	bk	46720601410
6 x 0,15	5,2	19,4	1:4	5000	bk	46720601510
6 x 0,25	5,7	20,4	1:4	5000	bk	46720602510
6 x 0,5	7,0	26,0	1:4	5000	bk	46720605010
7 x 0,14	5,6	20,2	1:4	5000	bk	46720701410
7 x 0,25	6,1	22,2	1:4	5000	bk	46720702510
8 x 0,14	5,5	20,0	1:4	5000	gr, bk	467208014+colour
8 x 0,25	6,5	23,0	1:4	5000	bk	46720802510
8 x 0,5	8,0	29,0	1:4	5000	bk	46720805010
12 x 0,14	5,9	21,8	1:4	5000	bk	46721201410
12 x 0,25	7,1	26,2	1:4	5000	bk	46721202510
12 x 0,5	8,8	31,6	1:4	5000	bk	46721205010
18 x 0,14	7,4	26,8	1:4	5000	bk	46721801410
18 x 0,5	10,0	37,0	1:4	5000	bk	46721805010
25 x 0,14	8,8	31,6	1:4	5000	bk	46722501410

Dimensions n x mm ²	Cable Ø ca. mm	Coil Ø ca. mm	Extension ratio L0:L	Coiled length (max.) L0 ca. mm	Colours	Article-Number
32 x 0,14	9,2	33,4	1:4	5000	bk	46723201410

- Further formats available on request
- All data and products subject to change