



PUR-UL/cUL 20233/10042 6x0,50 qmm

6 Cores Li12Y 0,50 qmm:

- Cu-strand: 28 x 0,15 mm Ø bare
(line-wire based on DIN EN 60228 Cl. 6))
- Core insulation: TPE-E 1,46 +/- 0,05 mm Ø
- Core colors: monochrome, based on DIN 47100

Overall management:

- Stranding: 6 cores 0.50 mm² around filler + PES fleece
- C-shield: braid made of wires 0.10 mm Ø tinned,
opt. Coverage approx. 85%
- Banding: PES fleece
- Sheath: TPE-U (PUR) 7.6 0.2 mmØ
- firmly molded
(For flame-retardant TPE-Us, usually only black-grey,
similar to RAL 7021, can be achieved.)
- Imprint: PUR-UL/cUL 20233/10042 6x0,5qmm E472542
- Cable weight: approx. 83 kg/km

Mechanical properties:

For flexible use

Bending radius: ≥ 5 x cable outside diameter (fixed)

≥ 10 x cable outside diameter (moving)

Flame resistance:

UL758/1581/2556 (Cable Flame)

DIN EN 60332-1-2 (60 sec.)

Temperature range:

fixed: - 40 bis + 80°C

moved: - 25 bis + 80°C

Electrical Properties:

Rated voltage: 300V

Test voltage: 3000 VAC (spark test online)

Conductor resistance: max. 39 Ω/km (20°C)

Insulation resistance: min. 100 MΩ x km (20°C)

Additionally:

Line

Halogen-free according to DIN VDE 0472 Part 815 and DIN EN 60754-1

LABS and silicone free

A coat:

oil-resistant according to DIN EN 60811-404 (168h 100°C)

resistant to hydrolysis and microbes

UV, oxygen, ozone and weather resistant (color may fade)

Sea and salt water resistant

low adhesion

generally good chemical resistance (e.g. against certain acids, alkalis and solvents)

Articlenumber: 3501460520

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