



LIF12Y11Y 12x0,75mm²

12 cores Li12Y 0,75 mm²:

- Cu-strand: 42 x 0,15 mm Ø blank (fine wire based on DIN EN 60228 class 6)
- Core insulation: TPE-E 1,79 +/- 0,05 mm Ø
- Core colors: black with number print (WS): 1 to 11
and one core 4 sectors (GN/GE)

Total cable:

- Stranding: 12 (3+9) cores 0.75mm² + PES fleece
- Sheath insulation: TPE-U (PUR) 9.3 +/- 0.3 mm Ø
- permanently overmolded
- Sheath color: black, similar to RAL 9005, satin finish
- Cable weight: approx. 140 kg/km

Mechanical properties::

- For flexible use
- Bending radius: > 5 x cable outer diameter (fixed)
> 10 x cable outer diameter (moving)

Temperature range:

- Fixed: - 40 bis + 80°C
- Moving: - 25 bis + 80°C

Electrical properties:

- Nominal voltage: 300 V
- Test voltage: 3000 V AC
- Conductor resistance: max. 26 Ω/km (20°C)
- Insulation resistance: min. 1000 MΩ x km (20°C)

Other properties:

Cable:

- halogen-free according to DIN VDE 0472 Part 815 and DIN EN 60754-1
- LABS and silicone-free

Sheath:

- oil-resistant according to DIN EN 60811-404 (168h 100°C)
- hydrolysis and microbe-resistant
- UV, oxygen, ozone and weather-resistant (color may fade)
- generally good chemical Resistance (e.g. certain oils and coolants)

Articlenumber: 4671012750

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