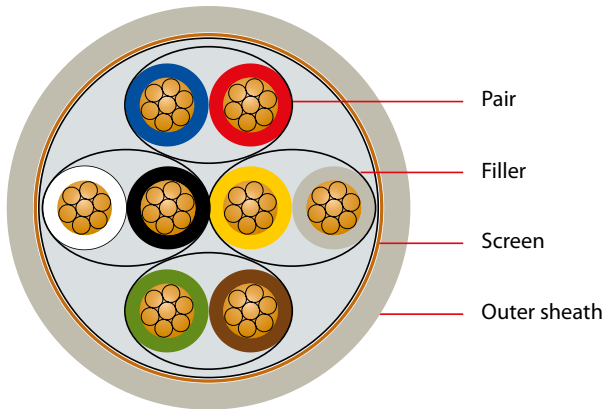


# LI7YC7Y n x 2 x 0.5 GY/BU



## APPLICATION

- in heat-appliances and fire resistant installations
- in the lighting and automobile sector
- for sensor applications
- plants in industrial atmosphere
- in the chemical industry

## CONSTRUCTION

**Conductor:** tinned copper strand;  $16 \times 0.2 \text{ mm} = 0.5 \text{ mm}^2$

**Core insulation:** ETFE; wall thickness 0.25 mm; approx.  $\varnothing$  1.45 mm

**Core identification:** colours acc. VDE 0815 or customer request  
 12 x 2 x 0.5: black - white, brown - white, green - white, grey - white, blue - white, yellow - white, red - white, black - red, green - red, blue - red, yellow - red, grey - red

**Core stranding:** 2 cores to pair

**Filler:** silicone rubber (round shaping);

8 x 2 x 0.5 and 12 x 2 x 0.5 without filler

**Screen:** tinned copper wire braid; optical coverage approx. 85 %

**Outer sheath:** ETFE; colour: grey (GY) or blue (BU)

No. of cores and cross section	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
2 x 2 x 0.5	0.4	6.2	73	30
4 x 2 x 0.5	0.4	7.6	114	65,2
8 x 2 x 0,5	0.5	9.8	241	118
12 x 2 x 0.5	0.5	11.5	283	163

## ELECTRICAL CHARACTERISTICS

Test voltage	2500 V
Operating capacitance	80 nF/km
Inductance (reference values)	< 1 mH/km

## THERMAL & MECHANICAL PROPERTIES

Operating temperature	-90°C to +155°C
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## BEHAVIOUR UNDER FIRE CONDITIONS

Flame retardant: IEC 60332-1-2

Subject to changes due to technical progress and error



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