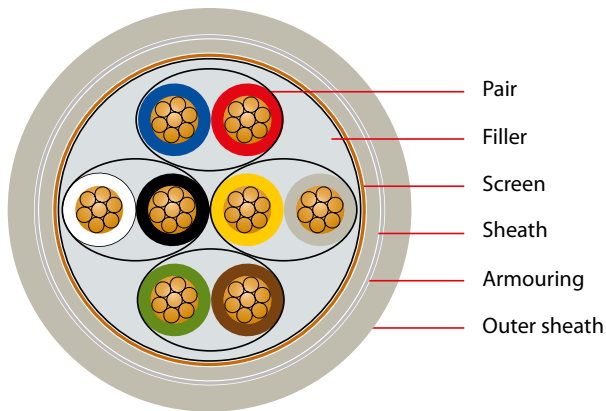


LI7YC7YS7Y n x 2 x 0.5 GY/BU



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

Core stranding: 2 cores to pair

Filler: silicone rubber (round shaping)

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

Sheath: ETFE

Armouring: galvanized steel wire braid (\varnothing 0.2 mm)

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	7.88	117	30
4 x 2 x 0.5	0.4	9.3	170	55

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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Subject to changes due to technical progress and error



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