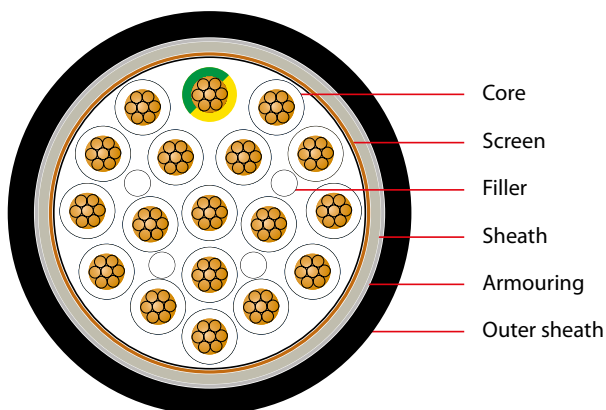


LI6YC6YS6Y-J 18 x 0.5 BK

No. of cores and cross section	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
18 x 0.5	0.8	11.75	300	121

APPLICATION

- in heat-appliances and fire resistant installations
- wiring of controls and computers with high transfer-speed
- 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: FEP; wall thickness 0.25 mm; approx. \varnothing 1.45 mm

Core identification: white with black bar code, one core green-yellow

Filler: glass fibre

Lapping: polyester tape

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

Sheath: FEP

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

Outer sheath: FEP; colour: black (BK)

ELECTRICAL CHARACTERISTICS

Operating voltage 300 V

Test voltage 2000 V

THERMAL & MECHANICAL PROPERTIES

Operating temperature -90°C to $+205^\circ\text{C}$

Subject to changes due to technical progress and error



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