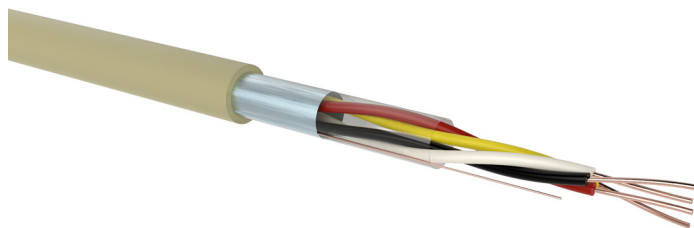


L-Y(St)Y EIB

Motor power supply cable for EIB-Bus, halogen-free, screened

DESIGN



- 1 | Copper conductor, round solid
- 2 | Core insulation (PVC), cores star quaded
- 3 | Screen (plastic tape laminated with aluminium foil with drain wire)
- 4 | Sheath (PVC grey RAL 7035 or green RAL 6018)

APPLICATION

For installation on and under plaster in dry, damp and wet locations, as a BUS cable (EIB installation bus) and as a measuring and control cable in power installations.

TECHNICAL DATA



Standard:
adapted to DIN VDE 0815



Operating voltage:
250 V



Test voltage:
800 V (core/core) / 50 Hz
4 kV (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C
conductor temperature: max. 70 °C



Bending radius (min.):
7.5 x Ø of cable



Core identification:
1st. circuite: red (a), black (b) 2nd. circuite: white (a), yellow (b)



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

ELECTRICAL PARAMETERS

Conductor diameter	(mm)	0.8
Loop resistance, max.	(Ω/km)	73.2
Insulation resistance, min. at 20 °C	(MΩ.km)	100
Mutual capacitance, max. at 800 Hz	(nF/km)	100
Capacitance unbalance, max. at 800 Hz (100% of values)	(pF/100m)	200

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
L-Y(St)Y EIB			
2 x 2 x 0.8	6.2	64	50 R, 100 R, 500 Sp, 1000 Sp

Technical changes reserved. All figures are therefore without guarantee.

30.8.2022, 13:23