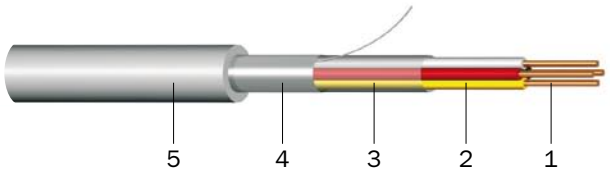
L–Y(St)Y EIB

Measurement/control cable for EIB-bus
Standard: similar to DIN VDE 0815

Application:
For the installation on and under plaster in dry and wet rooms as bus cable (EIB-installation bus) in low voltage facilities and as measurement/control cable.



Construction:
1 Copper conductor, singe wire
2 Insulation (PVC), cores stranded to star quad
3 Taping (plastic tape)
4 Screen (aluminium/plastic laminate tape with drain wire)
5 Sheath (PVC grey RAL 7035 or green RAL 6018)

Operating voltage: 250 V

Test voltage: A/A 800 Veff
A/M 4000 Veff

Temperature range:
During installation: min. –5 °C
Operating temperature: fixed –30 °C to +70 °C
moved –5 °C to +50 °C
Conductor temperature: max. +70 °C

Bending radius (min.): 7.5 x ∅ des Kabels

Core identification: 1. circuit: red (a), black (b)
2. circuit: white (a), yellow (b)

Flammability:
Self extinguishing (DIN VDE 0482-265, IEC 60332-1)

Electrical data		
Nominal cross section	(mm)	0.8
Loop resistance max.	(Ω/km)	73.2
Isolationswiderstand, min.	(MΩ.km)	100
Mutual capacitance max. at 800 Hz	(nF/km)	100
Capacitance imbalance max. at 800 Hz (100 % of the values)	(pF/100 m)	200

Number of circuits x nominal cross section (mm)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
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2 x 2 x 0.8	7.0	21	55	1000 Sp	**864.69**

Subject to technical changes. All figures are therefore without guarantee.