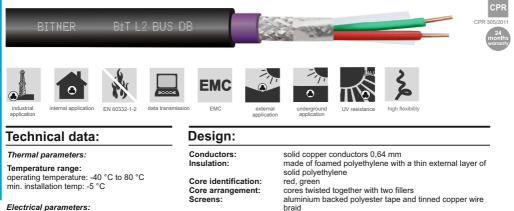
D2YS(St)CYY, Data transmission cables for Profibus network



Sheath:

braid PVC compound, oil resistant (cf. chemical resistance table), self-extinguishing and flame retardant (as per EN 60332-1-2); colour: black

Application:

L2-BUS cables are intended for connecting components (standard 485) and transmission of analogue and digital signals. Paired construction ensures good symmetry with respect to earth, while the double screen protects against interferences from external electromagnetic fields, what guarantees very good transmission quality. Cables may be used in dry and damp rooms, and are suitable for fixed installations. Cables classified according to EN 50575 (CPR).

| Cat. no. | n x 2 x mm | Outer diameter* [mm] | Approximate cable weight [kg/km] |
|----------|------------|-------------------------|--|
| EB0017 | 1x2x0,64 | 9,4 | 100 |

*Outer diameter tolerance: +/-5%

Wave impedance: 150 $\Omega \pm 10$ %

Capacitance: 30 nF/km Test voltage: 1500 V

1 MHz = 1,2 dB/100 m

4 MHz = 2,2 dB/100 m

10 MHZ = 3,2 dB/100 m

16 MHz = 4,2 dB/100 m

Mechanical parameters: Min. bending radius: 10 x Ø

Screen resistance (max.): 9,7 Ω/km Insulation resistance: 1 GΩ x km

Wave attenuation at a frequency of:

Conductor loop resistance (max.): 115 Ω/km

Cable Factory BITNER reserves the right to modify the specifications without prior notice



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