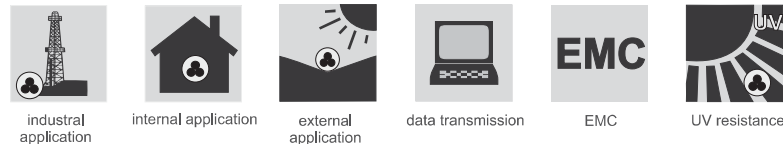


BiT L2 BUS outdoor

O2YS(St)C2Y, Data transmission cables for Profibus network, outdoor application



RoHS 2011/65/EU



LVD 2014/35/EU



CPR 305/2011



Technical data:

Operating temperature: -40°C to 80°C
Min. installation temp: -5°C
Wave impedance: 150Ω +/-10%
Conductor loop resistance (max.): 115Ω/km
Screen resistance (max.): 9,7Ω/km
Insulation resistance: 1GΩxkm
Capacitance: 30nF/km
Test voltage: 1,5kV
Wave attenuation at a frequency of:
 1MHz = 1,2dB/100m
 4 MHz = 2,2dB/100m
 10 MHz = 3,2dB/100m
 16 MHz = 4,2dB/100m
Min. bending radius: 10xØ

Construction:

Conductors: solid copper conductors 1x2x0,64 mm
Insulation: made of foamed polyethylene with a thin external layer of solid polyethylene
Conductor colours: red, green
Core arrangement: cores twisted together with two fillers
Screens: aluminium backed polyester tape and tinned copper wire braid
Sheath: special PE, UV resistant
Sheath colour: black

Application:

The cables are intended for connecting L2-BUS components (standard 486) 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, outdoor and are suitable for fixed installations. Outer sheath is UV resistant. Cables classified according to **EN 50575 (CPR)**.

Cat no.	nx2xmm	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
EB0003	1x2x0,64	7,6	50	26,3

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

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