

BiT Profinet typ A

Data transmission cables for industrial networks



industrial applications



internal application



EN 60332-1



data transmission



EMC



FastConnect

Technical data:

Operating temperature: -40°C do 80°C
Min. installation temp: -10°C
Wave impedance: 100 Ω +/- 10%
Conductor loop resistance (max.): 115Ω/km
Insulation resistance: 500MΩxkm
Capacitance: 50nF/km
Test voltage: 2kV
Min. bending radius: 6xØ

Construction

Conductors: solid copper conductors
Izolacja: solid PE
Conductor colours: red, white, yellow, blue
Core arrangement: 4 cores twisted together
Inner sheath: special PVC
Screens: aluminium backed polyester tape and tinned copper wire braid with coverage 90%
Sheath: special PVC, oil resistant, self-extinguishing and flame retardant (as per EN 60332-1, EN 60332-1, IEC 60332-1)
Sheath colour: green

Application:

Cables designed for construction of integrated automation systems operating in industrial Ethernet.
Cables classified according to **EN 50575 (CPR)**.

No cat.	[nx2xmm]	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
EB0030	2x2x0,64	6,5	68	32,0

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

Attenuation loss

Mhz:	1	4	10	16	20	31	62	100
[dB/100m]	1,6	3,1	5,0	6,8	7,8	10,0	14,4	20,0

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