

BITNER BiTprotect



internal
application



EN 60332-1-2

Technical data:

Telecommunication cable, with solid bare copper conductors, with PVC insulation and outer sheath

Thermal parameters:

Operating temperature: -40°C to 80°C
Min. installation temp.: -10°C

Electrical parameters:

Max. operating voltage: 100 V

Mechanical parameters:

Min. bending radius: 10xØ

Design:

Conductors:

Insulation:

Core identification:

Core arrangement:

Outer sheath:

solid bare copper conductors

special PVC compound

acc. to the tables below

cores twisted together

special PVC compound, self-extinguishing and flame

retardant (acc. to EN 60332-1-2, IEC 60332-1-2);

colour: white

Application:

The cables are designed for low-voltage internal connections in intercom installations and alarm systems.

Cables classified according to **EN 50575 (CPR)**.

Cat. no.	n x mm	Outer diameter* [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
LA0050	2x0,5	2,7	8,5	3,8
LA0051	4x0,5	3,0	13,5	7,5
LA0052	6x0,5	3,6	19,0	11,3
LA0053	8x0,5	4,1	25,2	15,1
LA0054	10x0,5	4,2	30,6	18,8
LA0055	12x0,5	4,8	35,5	22,6

*Outer diameter tolerance: +/-5%

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

Core identification for BiTprotect and BiTprotect (St)

Core no.	Core colours
1	white
2	blue
3	black
4	red
5	green
6	brown
7	yellow
8	orange
9	violet
10	grey
11	light blue
12	rose