

PTS-LSHF

Screened halogen free signal cables



internal application



EN 60332-1-2



halogen-free
EN 60754



Technical data:

Thermal parameters:

Temperature range:

operating temperature: -30 °C to 80 °C
installation temperature: -5 °C to 50 °C

Electrical parameters:

Maximum operating voltage: 75 V

Test voltage:

core - core: 1000 V, 50 Hz
core - screen: 1000 V, 50 Hz

Max. DC resistance of the conductor at 20 °C:
65 Ω/km

Mechanical parameters:

Minimum bending radius: 10 x Ø

Design:

Conductor: solid, tinned copper wire (Ø 0,6 mm)
Conductor insulation: polyethylene PE
Core identification: coloured conductors according to "Technical data" table
Core arrangement: cores twisted in pairs, pairs twisted together
Screen: metal foil with tinned copper drain wire
Outer sheath: special halogen-free polymer, self-extinguishing and flame-retardant (acc. to EN 60332-1-2); colour: white

Application:

PTS-LSHF screened halogen free cables are used in data communication and alarm systems, low-voltage - including building management system. For use indoors. Cables classified according to **EN 50575 (CPR)**.

Technical data

Pair no.	Colour
1	black-blue
2	black-orange
3	black-green
4	black-brown
5	black-grey
6	blue-white
7	blue-orange
8	blue-green
9	blue-brown
10	blue-grey

Cat. no.	n x 2 x mm	Outer diameter* [mm]	Approximate cable weight [kg/km]
TP1550	1x4x0,6	4,3	31
TP1551	2x2x0,6	5,1	34
TP1552	3x2x0,6	5,5	42
TP1553	4x2x0,6	6,3	52
TP1554	5x2x0,6	7,2	67
TP1555	6x2x0,6	7,5	75
TP1556	8x2x0,6	8,2	92
TP1557	10x2x0,6	9,2	113
TP1558	20x2x0,6	12,0	207

*Outer diameter tolerance: +/-5%

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