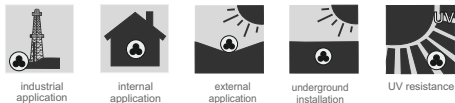


# XzTKMXpw telecom local paired cable



## Technical data:

Telecom (T) local (M) cable (K) with pairs insulated in foam PE with thin layer of solid PE (Xp) and PE outer sheath, protected against wet/with water-proof barrier (Xz), filled with gel (w).

### Temperature range:

During operation: -40°C to 70°C

Min. installation temp.: -10°C

Min. bending radius: 10xØ

### Capacitance unbalance k1 (max):

500pF/500m - conductors 0,5mm, 0,6mm

300pF/500m - conductors 0,8mm

## Construction:

**Conductors:** solid copper

**Insulation:** foam PE with external layer of solid PE

**Insulation colours:** acc. to the table

**Filler:** hydrophobic gel

**Water blocking tape:** COP/AL/COP tape

**Outer sheath:** PE, black

## Application:

Cable designed to build telecom local networks, suitable for direct underground installation, as well as in cable ducts as points exposed to small mechanical stresses.

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

### Conductor insulation colours:

Pair number	Insulation colours in pairs (a-b)	
	a	b
1	red	white
2	blue	white
3	yellow	white
4	brown	white
5	violet	white
6	red	green
7	blue	green
8	yellow	green
9	brown	green

Cat. no.	Pair No. [nx2xmm]	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
TP0001	1x2x0,5	5,0	23,0	4
TP0002	2x2x0,5	5,9	32,5	8
TP0003	3x2x0,5	6,1	36,0	11
TP0004	4x2x0,5	7,1	46,5	15
TP0005	5x2x0,5	7,4	52,0	19
TP0006	6x2x0,5	7,5	58,0	23
TP0007	7x2x0,5	7,7	63,0	27
TP0008	8x2x0,5	8,7	75,0	30
TP0009	9x2x0,5	8,9	80,0	34
TP0010	1x2x0,6	5,2	27,0	5
TP0011	2x2x0,6	6,2	38,0	11
TP0012	3x2x0,6	6,6	47,0	16
TP0013	4x2x0,6	7,4	57,5	22
TP0014	5x2x0,6	7,8	66,0	27

Cat. no.	Pair No. [nx2xmm]	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
TP0015	6x2x0,6	7,9	73,0	33
TP0016	7x2x0,6	8,2	80,5	38
TP0017	8x2x0,6	9,3	96,0	44
TP0018	9x2x0,6	9,6	105,0	49
TP0019	1x2x0,8	6,0	35,5	10
TP0020	2x2x0,8	7,2	54,0	19
TP0021	3x2x0,8	7,9	70,0	29
TP0022	4x2x0,8	8,9	84,5	39
TP0023	5x2x0,8	9,3	102,0	49
TP0024	6x2x0,8	9,4	111,5	58
TP0025	7x2x0,8	9,9	126,0	68
TP0026	8x2x0,8	10,7	145,0	78
TP0027	9x2x0,8	11,1	159,0	88

Cable Factory BITNER reserves the right to modify specifications without prior notification.  
Note: On customer's request other cross sections or number of cores can be produced.

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