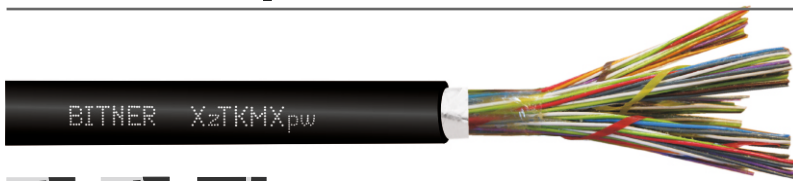


XzTKMXpw

Telecom local cable,
longitudinal watertight



Technical data:

Temperature range:

During operation: -30°C do 70°C

During installation: -10°C

Capacitance unbalance k1 (max):

500 pF/500m - cores 0,4 to 0,6mm

300 pF/500m - cores 0,8mm

Capacitance unbalance k9-12 (max):

150 pF/500m - cores 0,4 to 0,6mm

100pF/500m - cores 0,8mm

Min. bending radius: 10xØ

Construction:

Conductors: solid copper

Insulation: foam PE with external layer of solid PE

Insulation colours: acc. to the table

Bundle: 4 cores twisted together in star quad

Core arrangement: bundles twisted together in bunches wrapped with identification tapes, bunches twisted together in layers

Filler: petroleum-jelly filling

Tape: aluminium tape both sides copolymer coated

Outer sheath: PE

Outer sheath colour: black

Application:

Cable designed to build telecom local networks, suitable for direct underground installation, as well as in cable ducts at points exposed to small mechanical stresses. UV resistant outer sheath enables external application. Cables classified according to **EN 50575 (CPR)**.

Conductor colours:

Bundle number	conductor colours in bundles				Bunch type
	a	b	c	d	
1	red	white	green	gray	odd
2	blue	white	green	gray	
3	yellow	white	green	gray	
4	brown	white	green	gray	
5	violet	white	green	gray	even
6	red	white	green	orange	
7	blue	white	green	orange	
8	yellow	white	green	orange	
9	brown	white	green	orange	
10	violet	white	green	orange	

Cat no.	nx4xmm	Nominal O.D. [mm]	Nominal cable weight [kg/km]	Cu [kg/km]
TC0001	5x4x0,4	8,4	74	25
TC0002	10x4x0,4	10,2	126	50
TC0003	15x4x0,4	11,9	168	75
TC0004	25x4x0,4	14,5	248	124
TC0005	35x4x0,4	16,9	326	174
TC0006	50x4x0,4	18,6	448	248
TC0007	100x4x0,4	28,0	830	500
TC0008	150x4x0,4	32,0	1206	745
TC0009	5x4x0,5	9,5	100	38
TC0010	10x4x0,5	10,8	147	78
TC0011	15x4x0,5	12,2	205	116
TC0012	25x4x0,5	15,2	322	194
TC0013	35x4x0,5	17,4	420	272
TC0014	50x4x0,5	21,0	599	388
TC0015	100x4x0,5	26,1	1057	776

Cat no.	nx4xmm	Nominal O.D. [mm]	Nominal cable weight [kg/km]	Cu [kg/km]
TC0016	150x4x0,5	38,5	1690	1165
TC0017	5x4x0,6	9,8	120	56
TC0018	10x4x0,6	11,6	193	112
TC0019	15x4x0,6	14,6	292	168
TC0020	25x4x0,6	17,4	435	280
TC0021	35x4x0,6	19,7	586	390
TC0022	50x4x0,6	23,7	841	560
TC0023	100x4x0,6	36,5	1585	1120
TC0025	5x4x0,8	12,0	183	100
TC0026	10x4x0,8	15,0	312	200
TC0027	15x4x0,8	18,0	461	300
TC0028	25x4x0,8	21,8	716	500
TC0029	35x4x0,8	25,0	963	700
TC0030	50x4x0,8	30,0	1400	1000

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