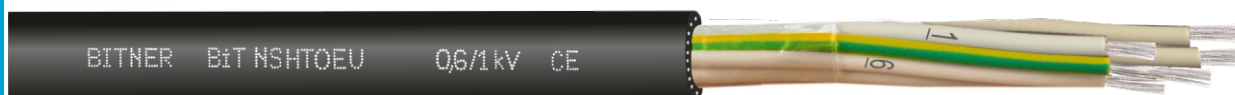


BIT NSHTOEU

Multi-core drum reeling cable, rubber insulated and sheated, 0,6/1kV



industrial application



internal application



external application



high flexibility



UV resistance



oil resistant
EN 60811-404



mechanical resistance

Technical data:

Multicore cable with copper conductors class 5, insulation and inner sheath made of special rubber compound, reinforcing textile braid and outer sheath made of flame retardant rubber.

Operating temperature:

Fixed installation: -40°C to 80°C

Flexible connections: -30°C to 80°C

Max conductor operating temperature: 90°C

Max short-circuit conductor temperature: 250°C

Test voltage: 3000V

Operating voltage: 600/1000V

Bending radius: 6xØ

Construction:

Conductors: flexible tinned copper wires, class 5 as per DIN VDE 0295 and EN 60228

Insulation: special rubber compound

Colour coding: for cables with up to 5 conductors, specific conductor colours are used (earth conductor green/yellow), above 5 conductors numbered coded, white

Core arrangement: insulated conductors twisted together around strain-relief element

Inner sheath: special rubber compound

Reinforcement: textile braid

Outer sheath: flame retardant rubber compound (as per PN-EN 60332-1), oil and UV resistant

Sheath colour: black

Application:

Cable used to supply power to mobile and portable devices in conditions of mechanical stresses and wherever cables are often reeled and unreeled. Especially recommended for power supplying to cranes, conveyors and transporting machines. Cables classified according to **EN 50575 (CPR)**.

n x mm ²	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
3x1,5	12,2	196	43,2
3x2,5	13,6	237	72,0
3x4	16,3	392	115,2
3x6	17,4	476	172,8
3x10	21,4	780	288,0
3x16	22,9	934	460,8
3x25	28,2	1472	720,0
3x35	31,8	1860	1008,0
3x50	37,5	2590	1440,0
3x70	41,4	3390	2016,0
3x95	47,7	4480	2736,0
3x120	50,3	5250	3456,0
3x150	55,8	6380	4320,0
4x1,5	13,0	226	57,6
4x2,5	15,8	345	96,0
4x4	17,5	465	153,6
4x6	18,8	570	230,4
4x10	23,0	880	384,0
4x16	26,0	1200	614,4

n x mm ²	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
4x25	32,5	1920	960,0
4x35	35,0	2290	1344,0
4x50	41,5	3150	1920,0
4x70	45,5	4210	2688,0
4x95	52,5	5550	3648,0
4x120	56,5	6830	4608,0
4x150	61,4	8200	5760,0
5x1,5	14,0	260	72,0
5x2,5	16,8	392	120,0
7x1,5	18,1	534	100,8
7x2,5	21,0	680	168,0
11x2,5	31,2	1010	264,0
12x1,5	28,9	1043	172,8
12x2,5	34,0	1360	288,0
18x1,5	38,6	1320	259,2
18x2,5	37,8	1340	432,0
18x4	41,6	1812	691,2
24x1,5	29,1	1480	345,6
24x2,5	33,8	1520	576,0

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n x mm ²	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
3x25+3x16/3	31,6	1815	892,8
3x35+3x16/3	32,6	2048	1180,8
3x35+3x25/3	36,5	2440	1296,0
3x50+3x25/3	40,0	3040	1728,0
3x70+3x35/3	43,9	3980	2304,0
3x95+3x50/3	50,7	5435	3456,0
3x120+3x70/3	52,8	6215	4176,0
3x150+3x70/3	57,1	7245	5040,0
3x150+3x95/3	57,1	7465	3744,0
3x185+3x95/3	62,1	8815	6336,0
3x240+3x50/3	68,2	10665	7632,0
3x240+3x95/3	68,2	10825	7920,0
3x240+3x150/3	68,2	11090	8352,0
3x240+3x240/3	82,0	14450	9648,0
3x300+3x150/3	75,1	13780	10080,0

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