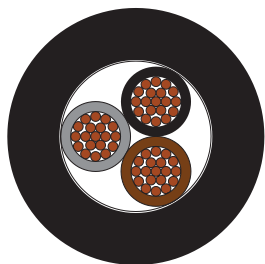


UNINAV – Type NBT and NG

Unarmoured power cables rated 0,6/ 1kV



TECHNICAL DATA

Temperature rating: -40°C ÷ 90°C

High resistance to oils and fuels

Minimum bending radius: 6 x outer diameter

Halogen free: according IEC EN 60754

Fire retardant: according IEC 60332-3-22

Range of approval:

according to table 20A, 20B, 20C and 20D and as specified in NAV-80-6145-0005-13-02B000 (see Ministry of Defence homologation certificate n° 29/22)

Table 20A single core

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
ML001	1,5	5,2	40
ML002	2,5	5,6	50
ML003	4	6,2	70
ML004	6	6,7	90
ML005	10	7,6	140
ML005Z*	AWG8	7,8	145
ML006	16	8,8	200
ML007	25	10,4	300
ML007Z*	AWG4	10,6	315
ML008	35	11,8	400
ML009	50	13	530
ML009Z*	AWG1/0	14,6	630
ML010	70	15,3	740
ML011	95	17,4	1010
ML012	120	19	1260
ML013	150	21,2	1540
ML014	185	23,6	1940
ML015	240	26,6	2490
ML016	300	29,5	3130

CONSTRUCTION

Conductor: bare copper conductor according ASTM B33, class 5 according to IEC 60228

Insulation: HEPR or XLPE according to IEC 60092-360

Core identification: according to HD 308 S2

Bedding: textile or extruded fillers. Halogen free inner sheath compound mandatory for ATEX application, to be specified in the order

Sheath: crosslinked compound, type SHF2 according to IEC 60092-360, colour black if not otherwise stated

Marking: NAV-80-6145-0005-13-02B000 NBT-“core numbers”x“cross section”– 0,6/1 kV - Cert.Om.nr.29/22

DESIGNATION EXAMPLE:

NBT: cable without green/yellow core
NG: cable with green/yellow core
ML026- NBT (three cores, cross section 1,5 mm²)

* Conductors class 6 according to IEC 60228

The characteristics of the products, described in the data sheet, do not constitute any contractual binding. UNIKA spa reserves the right to change the specifications without any notice. Partial or total reproduction of this document is forbidden

TDS_NBT/NG_00

Table 20B two cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
ML017	2x1,5	8,2	90
ML018	2x2,5	9,2	120
ML019	2x4	10,3	150
ML019Z	2x4 (AWG12)	10,3	150
ML020	2x6	11,6	200
ML021	2x10	13,5	300
ML022	2x16	15,7	440
ML023	2x25	19,2	670
ML024	2x35	23,4	1200
ML025	2x50	26,3	1500
ML060	2x70	29,4	1980
ML055	2x95	35,2	2480

Table 20C three cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
ML026	3x1,5	8,6	100
ML027	3x2,5	9,7	140
ML028	3x4	10,9	190
ML029	3x6	12,3	260
ML030	3x10	14,5	410
ML031	3x16	16,9	610
ML032	3x25	20,6	930
ML033	3x35	24,7	1500
ML034	3x50	28	2000
ML035	3x70	33,3	2830
ML036	3x95	37,3	3780
ML037	3x120	41,4	4700
ML038	3x150	46	5200
ML039	3x185	51,5	7200
ML069	3x240	62,7	9390

Item number refers to NBT types. For NG types add letter **G** at the end of the item number.

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Table 20D four cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
ML040	4x1,5	9,6	130
ML041	4x2,5	10,6	180
ML042	4x4	12,1	240
ML043	4x6	13,5	340
ML044	4x10	15,9	510
ML045	4x16	18,6	770
ML046	4x25	22,9	1180
ML047	4x35	27,2	1850
ML048	4x50	31,2	2500
ML049	4x70	36,7	3550
ML050	4x95	41,3	4780
ML051	4x120	46	6000
ML052	4x150	51	7350
ML053	4x185	57,6	9300

Table 20E multicore

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
ML071	5x1	9,6	120
ML072	12x1	13,8	250
ML073	18x1	16,3	365
ML056	5x1,5	10,6	155
ML067	6x1,5	11,3	180
ML054	7x1,5	11,3	200
ML057	10x1,5	14,5	267
ML068	12x1,5	15,2	325
ML059	14x1,5	16,4	380
ML063	16x1,5	17,1	420
ML061	19x1,5	18,0	474
ML058	24x1,5	21,2	600
ML062	30x1,5	22,4	720
ML074	7x2,5	12,7	270
ML065	12x2,5	17,0	440
ML066	5x4	13,4	315
ML064	7x10	19,8	890
ML070	5x10	17,7	645

Item number refers to NBT types. For NG types add letter **G** at the end of the item number.

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