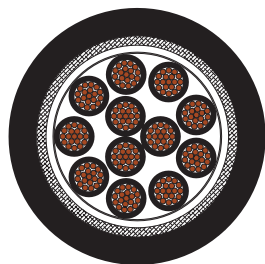


UNINAV – Type NCM

Power cables rated 0,6/1 kV for Magnetic Compensation



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

Shielding effectiveness (basic performance): ≥ 54 dB for cables with outer diameter equal or less than 7,5 mm, otherwise ≥ 60 dB.

Range of approval:

according to table 26A, 26B and 26C and as specified in NAV-80-6145-0005-13-02B000 (see Ministry of Defence homologation certificate n° 29/22)

Table 26A two cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MT001	2x1,5	9,6	130
MT002	2x2,5	10,4	160
MT003	2x4	11,8	210
MT004	2x6	13	280
MT005	2x10	15,2	430
MT006	2x16	17,5	600
MT007	2x25	21	820

Table 26B four cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MT008	4x1,5	11	180
MT009	4x2,5	12	230
MT010	4x4	13,5	400
MT011	4x6	15,3	450
MT012	4x10	17,8	640
MT013	4x16	20,5	960
MT014	4x25	24,5	1380
MT015	4x35	29	2100
MT016	4x50	33	2780
MT017	4x70	38,8	3970

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 and EN50334

Inner sheath: Halogen free compound

Shielding: suitable metallic tape(s)

Armour: tinned copper wire braid having coverage >90%

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

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

For enhanced EMC requirements, minimum value in dB shall be declared in the marking

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Table 26C multi cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MT008	4x1,5	11,0	180
MT009	4x2,5	12,0	230
MT010	4x4	13,5	400
MT011	4x6	15,3	450
MT012	4x10	17,8	640
MT013	4x16	20,5	960
MT014	4x25	24,5	1380
MT015	4x35	29,0	2100
MT016	4x50	33,0	2780
MT017	4x70	38,8	3970

Table 26D multi cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MT018	12x1,5	17,0	465
MT019	19x1,5	20,0	675
MT020	24x1,5	23,0	855
MT021	12x2,5	19,0	620
MT022	19x2,5	22,5	910
MT023	24x2,5	26,0	1145

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