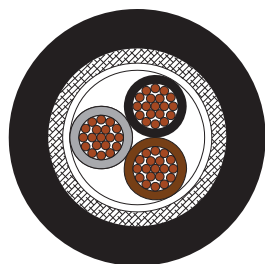


UNINAV – Type NVFD

EMC power cables rated 0,6/1 kV for Variable Frequency Drive applications



TECHNICAL DATA

Temperature rating: -40°C ÷ 90°C

High resistance to oils and fuels

Minimum bending radius: 8 x outer diameter

Halogen free: according IEC EN 60754

Fire retardant: according IEC 60332-3-22

Shielding effectiveness ≥ 60 dB.

Range of approval:

according to table 23A, 23B and 23C and as specified in NAV-80-6145-0005-13-02B000 (see Ministry of Defence homologation certificate n° 29/22)

Table 23A two cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MQ029	2x2,5	10,1	185

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, or when steel wire braid is required

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 for 0,6/1 kV rated cables.

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

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

Table 23B three cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MQ001	3x1,5	10	155
MQ002	3x2,5	11	195
MQ003	3x4	12,5	255
MQ004	3x6	13,5	325
MQ005	3x10	16	535
MQ005Z	3xAWG8	15,3	520
MQ006	3x16	18,5	755
MQ007	3x25	22,2	1105
MQ007Z	3xAWG4	23,4	1235
MQ008	3x35	26,5	1705
MQ009	3x50	29,7	2265
MQ010	3x70	35	3055
MQ011	3x95	39,5	4105
MQ012	3x120	43,5	5105
MQ013	3x150	48,5	6205

Table 23C four cores

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
MQ015	4x1,5	11	185
MQ016	4x2,5	12	235
MQ017	4x4	13,5	305
MQ018	4x6	15,3	455
MQ019	4x10	17,8	645
MQ020	4x16	20,5	965
MQ021	4x25	24,5	1385
MQ022	4x35	29	2105
MQ023	4x50	33	2785
MQ023Z	4xAWG1/0	35,3	2900
MQ024	4x70	38,8	3975
MQ025	4x95	43,5	5205
MQ026	4x120	48,5	6505
MQ027	4x150	53,5	7905
MQ028	4x185	60	9905

Add letter **G** at the end of the item number if green/yellow core is present.

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