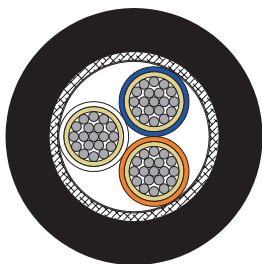


UNINAV – Type FN 03

Three cores power supply cable, low toxicity, thin wall, flexible, rated 300/ 500 V



TECHNICAL DATA

Temperature rating: -40°C ÷ 90°C

High resistance to oils and fuels

Minimum bending radius: 5 x outer diameter

Halogen free: according IEC EN 60754

Fire retardant: according IEC 60332-3-22

Range of approval:

according to table 6A, 6B e 6C (cross-section 1,0 ÷ 2,5 mm²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

Insulation: double layer with special compound, white, blue and orange

Inner sheath: halogen free compound (for type FN 03-A)

Screen: tinned copper wire braid (for type FN 03-O)

Armour: aluminium wire braid (for type FN 03-A)

Sheath: crosslinked compound, type EM104 according to Standard EN 50306-1, colour black if not otherwise stated

Marking: NAV-80-6145-0003-14-00B000 FN 03-“type”-“cross section”-UNIKA(Italy) “year of production” Cert. Om.nr.27/22

In case of higher screening effectiveness, the minimum value in dB shall be declared into the marking

DESIGNATION EXAMPLE:
M6500 - FN 03-O-1,5
Screened and unarmoured triad 1,5 mm²

Table 6A - TYPE FN 03-N

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M6100	3x1,0	5,4 ÷ 6,0	65
M6200	3x1,5	6,4 ÷ 7,1	95
M6300	3x2,5	7,6 ÷ 8,5	135

Table 6B - TYPE FN 03-O

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M6400	3x1,0	5,9 ÷ 6,6	80
M6500	3x1,5	7,0 ÷ 7,8	115
M6600	3x2,5	8,2 ÷ 9,0	165

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Table 6C - TYPE FN 03-A

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
M6700	3x1,0	8,0 ÷ 8,9	130
M6800	3x1,5	9,2 ÷ 10,2	175
M6900	3x2,5	10,4 ÷ 11,5	225

Add letter **E** to the item number for "enhanced screening effectiveness". For these EMC version, outer diameter indicated in the tables shall be increased by 0,50 mm."

On request, single cores are available with cross section in AWG as follows (cable bears the marking NAV-80-6145-0006-13-01B000 and Cert.Om.nr.28/22

FN 03-N

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX065	3x16 (1,34)	5,5 ÷ 6,4	86
MX066	3x14 (1,82)	6,3 ÷ 7,2	106
MX067	3x12 (2,61)	7,1 ÷ 8,0	134

FN 03-O

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX068	3x16 (1,34)	6,1 ÷ 7,0	110
MX069	3x14 (1,82)	7,0 ÷ 7,9	133
MX070	3x12 (2,61)	7,8 ÷ 8,7	164

FN 03-A

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX071	3x16 (1,34)	8,1 ÷ 9,2	145
MX072	3x14 (1,82)	8,9 ÷ 10,1	172
MX073	3x12 (2,61)	9,6 ÷ 11,0	207

Add letter **E** to the item number for "enhanced screening effectiveness". For these EMC version, outer diameter indicated in the tables shall be increased by 0,50 mm."

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