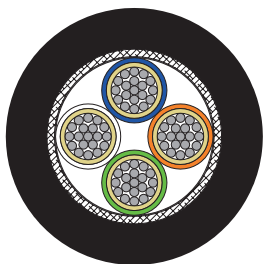


UNINAV – Type FN 04

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



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 7A, 7B e 7C (cross-section 1,0 ÷ 2,5 mm²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

Table 7A - TYPE FN 04-N

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M7100	4x1,0	5,8 ÷ 6,4	75
M7200	4x1,5	7,0 ÷ 7,7	120
M7300	4x2,5	8,3 ÷ 9,3	175

Table 7B - TYPE FN 04-O

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M7400	4x1,0	6,3 ÷ 7,0	100
M7500	4x1,5	7,5 ÷ 8,3	140
M7600	4x2,5	8,9 ÷ 9,8	205

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

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

Inner sheath: halogen free compound (for type FN 04-A)

Screen: tinned copper wire braid (for type FN 04-O)

Armour: aluminium wire braid (for type FN 04-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 04-“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:
M7500 - FN 04-O-1,5
Screened and unarmoured quad 1,5 mm²

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Table 7C - TYPE FN 04-A

Item n°	Cross-section [mm²]	Outer diameter [mm]	Cable mass [kg/km]
M7700	4x1,0	8,5 ÷ 9,4	150
M7800	4x1,5	9,8 ÷ 10,8	205
M7900	4x2,5	11,2 ÷ 12,4	270

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 04-N

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX291	4x16 (1,34)	6,0 ÷ 7,0	103
MX075	4x14 (1,82)	6,9 ÷ 7,9	128
MX076	4x12 (2,61)	7,8 ÷ 8,8	166

FN 04-O

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX077	4x16 (1,34)	6,6 ÷ 7,6	132
MX078	4x14 (1,82)	7,5 ÷ 8,6	161
MX079	4x12 (2,61)	8,5 ÷ 9,5	200

FN 04-OO (74 dB)

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX016	4x12 (2,61)	9,5 ÷ 10,5	255

FN 04-A

Item n° (white)	Cross-section AWG (mm²)	Diameter [mm]	Cable mass [kg/km]
MX080	4x16 (1,34)	8,8 ÷ 10,0	170
MX081	4x14 (1,82)	9,5 ÷ 10,9	203
MX082	4x12 (2,61)	10,2 ÷ 11,8	246

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