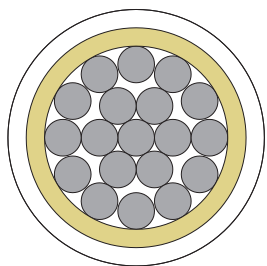


UNINAV – Type UG-N

Single core cable, unscreened, low toxicity, thin wall, flexible, for apparatus internal wiring, rated 300/ 500 V



TECHNICAL DATA

Temperature rating: -45°C ÷ 105°C

High resistance to oils and fuels

Minimum bending radius: 5 x outer diameter

Halogen free: according IEC EN 60754

Flame retardant: according IEC 60332-1-2

Range of approval:

according to table 1 (cross-section 0,35 ÷ 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, colour white if not otherwise stated

Marking: NAV-80-6145-0003-14-00B000 UG-N- "cross section" – "colour code" UNIKA(Italy) "year of production" Cert.Om.nr.27/22

Table 1 - TYPE UG-N

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M110...	0,35	1,15 ÷ 1,35	5,5
M120...	0,5	1,25 ÷ 1,45	6,5
M130...	1	1,45 ÷ 1,80	11
M140...	1,5	1,95 ÷ 2,30	19
M150...	2,5	2,50 ÷ 2,85	30

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 (white is without last digit):

Item n°	Cross-section AWG (mm ²)	Outer diameter [mm]	Cable mass [kg/km]
MX274...	26 (0,15)	0,95 ÷ 1,00	2,9
MX275...	26 (0,15)	0,85 ÷ 0,95	2,8
MX034...	24 (0,21)	0,90 ÷ 1,05	3,5
MX273...	24 (0,21)	0,90 ÷ 1,10	3,5
MX027...	22 (0,33)	1,05 ÷ 1,20	4,9
MX244...	22 (0,33)	1,05 ÷ 1,14	4,8
MX026...	20 (0,59)	1,30 ÷ 1,50	7,6
MX272...	20 (0,59)	1,30 ÷ 1,40	7,6
MX033...	18 (0,93)	1,55 ÷ 1,75	10,5
MX025...	16 (1,34)	1,80 ÷ 2,00	16,5
MX271...	16 (1,34)	1,80 ÷ 1,90	16,5
MX032...	14 (1,82)	2,15 ÷ 2,35	20,8
MX031...	12 (2,61)	2,50 ÷ 2,70	27,3

Insert the following number in the last digit of the item number, in place of ..., for different colours

- 0: black
- 1: brown
- 2: red
- 3: orange
- 4: yellow
- 5: green
- 6: blue
- 7: violet
- 8: grey
- 9: white

DESIGNATION EXAMPLE:
M1109 - UG-N-0,35-9
White single core 0,35 mm²

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