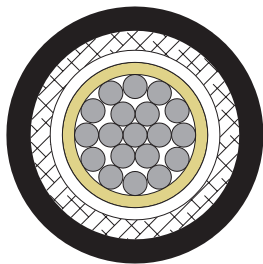


UNINAV – Type UG-S

Single core cable, screened, low toxicity, thin wall, flexible, for apparatus internal wiring, 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 2 (cross-section 0,35 ÷ 2,5 mm²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

Table 2 - TYPE UG-S

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M210...	0,35	2,10 ÷ 2,40	14
M220...	0,5	2,20 ÷ 2,50	16
M230...	1	2,50 ÷ 2,85	22
M240...	1,5	3,00 ÷ 3,40	33
M250...	2,5	3,45 ÷ 3,90	45

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]
MX276...	26 (0,15)	1,60 ÷ 1,80	7,6
MX041...	24 (0,21)	1,70 ÷ 1,95	8,6
MX040...	22 (0,33)	1,85 ÷ 2,10	10,7
MX245...	22 (0,33)	1,85 ÷ 2,05	10,5
MX039...	20 (0,59)	2,10 ÷ 2,35	14,5
MX038...	18 (0,93)	2,35 ÷ 2,65	18,4
MX037...	16 (1,34)	2,60 ÷ 2,90	25,8
MX036...	14 (1,82)	2,95 ÷ 3,25	31,5
MX035...	12 (2,61)	3,30 ÷ 3,65	39,6

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

Insulation: double layer with special compound, colour white if not otherwise stated

Screen: tinned copper wire braid

Sheath: crosslinked compound, type S2 according to Standard EN 50306-1, colour black if not otherwise stated

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

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

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

DESIGNATION EXAMPLE:

M2109 - UG-S-0,35-9
White single core 0,35 mm² with black sheath

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