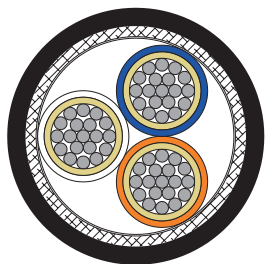


UNINAV – Type TG-S

Overall screened triad cable, low toxicity, thin wall, flexible, for apparatus internal wiring, rated voltage 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 4 (cross-section 0,35 ÷ 2,5 mm ²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

Table 4 - TYPE TG-S

Item n°	Cross-section [mm ²]	Outer diameter [mm]	Cable mass [kg/km]
M410.....	3x0,35	3,50 ÷ 4,10	34
M420.....	3x0,5	3,70 ÷ 4,25	35
M430.....	3x1	4,30 ÷ 5,00	50
M440.....	3x1,5	5,20 ÷ 5,90	80
M450.....	3x2,5	6,50 ÷ 7,30	120

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-blu-orange is without last three digit):

Item n° (white)	Cross-section AWG (mm ²)	Outer diameter [mm]	Cable mass [kg/km]
MX052.....	3x26 (0,15)	2,80 ÷ 3,10	18,7
MX260.....	3x26 (0,15)	2,90 ÷ 3,10	18,7
MX047.....	3x24 (0,21)	3,00 ÷ 3,30	21,3
MX046.....	3x22 (0,33)	3,35 ÷ 3,65	27,1
MX045.....	3x20 (0,59)	3,90 ÷ 4,30	37,8
MX053.....	3x18 (0,93)	4,40 ÷ 4,85	48,9
MX044.....	3x16 (1,34)	5,00 ÷ 5,40	70,0
MX054.....	3x14 (1,82)	5,70 ÷ 6,20	86,1
MX055.....	3x12 (2,61)	6,40 ÷ 7,00	105,1

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

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

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 TG-S- "cross section" – "colour code1"/"colour code2"/"colour code3" 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 starting from the highest digit

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

DESIGNATION EXAMPLE:
M410963 - TG-S-0,35-9/6/3
Triple white/ blue/ orange 0,35 mm²

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