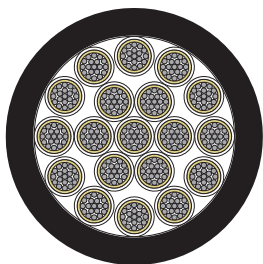


UNINAV – Type UN-xx-N

Multicore 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 60332-2-22

Range of approval:

according to table 8A, 8B e 8C (cross-section 0,35 ÷ 1,0 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 with black numbers if not otherwise stated

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

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

DESIGNATION EXAMPLE:
M8300 - UN 0,35-N-19 (nineteen cores, cross section 0,35 mm²)

Table 8A - TYPE UN 0,35-N (0,35 mm²)

Item n°	Number of cores	Outer diameter [mm]	Cable mass [kg/km]
M8030	3	4,5 ÷ 5,1	35
M8040	4	4,8 ÷ 5,4	45
M8100	7	5,6 ÷ 6,2	70
M8200	12	7,1 ÷ 7,9	105
M8300	19	8,2 ÷ 9,1	150
M8400	37	10,7 ÷ 11,8	275

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Table 8B - TYPE UN 0,50-N (0,50 mm²)

Item n°	Number of cores	Outer diameter [mm]	Cable mass [kg/km]
M8450	5	5,6 ÷ 6,4	55
M8500	7	6,0 ÷ 6,6	80
M8600	10	7,3 ÷ 8,1	110
M8700	14	7,9 ÷ 8,7	140
M8800	19	8,7 ÷ 9,6	180
M8900	24	10,0 ÷ 11,0	220
M8A00	37	11,4 ÷ 12,6	320
M8B00	44	12,7 ÷ 14,0	380
M8C00	61	14,1 ÷ 15,6	500

Table 8C - TYPE UN 1,0-N (1,00 mm²)

Item n°	Number of cores	Outer diameter [mm]	Cable mass [kg/km]
M8D00	7	6,8 ÷ 7,5	120
M8E00	12	8,7 ÷ 9,6	195
M8F00	19	10,1 ÷ 11,2	285
M8G00	37	13,3 ÷ 14,7	525

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)

TYPE UN 20-N (AWG 20)

Item n° (white)	No. of cores	Outer diameter [mm]	Cable mass [kg/km]
MX083	7	5,7 ÷ 6,6	84
MX084	10	7,2 ÷ 8,1	117
MX085	14	7,9 ÷ 8,9	152
MX086	19	8,8 ÷ 9,8	197
MX087	24	10,4 ÷ 11,4	247
MX088	30	10,8 ÷ 12,0	298

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