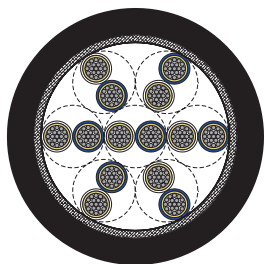


UNINAV – Type CN-xx-O

Multipairs, screened 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 14A, 14B, 14C and 14D (cross-section 0,35÷1,5 mm²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

Table 14A - TYPE CN 0,35-O (0,35 mm²)

Item n°	Number of pairs	Outer diameter [mm]	Cable mass [kg/km]
ME050	1	4,7 ÷ 5,3	47
ME070	2	6,2 ÷ 6,9	75
ME100	3	6,3 ÷ 7,0	85
ME140	4	7,7 ÷ 8,3	105
ME150	5	8,1 ÷ 8,9	130
ME200	7	8,3 ÷ 9,2	145
ME300	10	10,4 ÷ 11,4	210
ME350	12	10,8 ÷ 11,8	233
ME400	16	11,7 ÷ 13,0	305
ME450	19	12,7 ÷ 14,0	350
ME500	20	12,9 ÷ 14,2	365
ME570	27	15,0 ÷ 16,5	460
ME600	30	15,2 ÷ 16,8	530
ME700	40	16,9 ÷ 18,7	670
ME800	50	19,0 ÷ 21,0	875

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

Insulation: double layer with special compound, white and blue

Pairs: single cores are twisted into pairs. Each core is numbered for identification

Screen: tinned copper wire braid

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

Marking: NAV-80-6145-0003-14-00B000 CN "cross section"-O-"number of pairs" – 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:
ME200 - CN 0,35-O-7 (seven pairs, cross section 0,35 mm²)

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Table 14B - TYPE CN 0,50-O (0,50 mm²)

Item n°	Number of pairs	Outer diameter [mm]	Cable mass [kg/km]
ME850	2	6,7 ÷ 7,4	85
ME900	3	6,8 ÷ 7,5	95
MEA00	7	8,7 ÷ 9,7	175
MEB00	10	11,0 ÷ 12,1	250
MEC00	16	12,5 ÷ 13,9	350
MED00	20	13,8 ÷ 15,2	445
MEE00	30	16,2 ÷ 17,9	620
MEE70	37	18,0 ÷ 19,9	670
MEF00	40	18,1 ÷ 20,0	845
MEG00	50	20,5 ÷ 22,6	1025

Table 14C - TYPE CN 1,0-O (1,00 mm²)

Item n°	Number of pairs	Outer diameter [mm]	Cable mass [kg/km]
MEG50	1	6,1 ÷ 7,0	125
MEH00	3	8,1 ÷ 9,0	145
MEJ00	7	10,4 ÷ 11,5	265
MEK00	10	13,2 ÷ 14,6	380
MEL00	16	15,2 ÷ 16,8	565
MEM00	20	16,9 ÷ 18,7	690
MEN00	30	19,9 ÷ 22,0	1015
MEP00	40	22,5 ÷ 24,8	1320
MEQ00	50	25,4 ÷ 28,1	1645

Table 14D - TYPE CN 1,50-O (1,50 mm²)

Item n°	Number of pairs	Outer diameter [mm]	Cable mass [kg/km]
MER00	3	9,5 ÷ 10,5	215
MES00	7	12,2 ÷ 13,8	425
MET00	10	15,9 ÷ 17,6	620
MEU00	16	18,1 ÷ 20,0	905
MEV00	20	20,1 ÷ 22,2	1170
MEW00	30	24,2 ÷ 26,7	1690
MEX00	40	27,2 ÷ 30,1	2185
MEY00	50	30,5 ÷ 33,5	2735

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."

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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 :

CN 26-0 (AWG 26)

Item n° (white)	No. of pairs	Outer diameter [mm]	Cable mass [kg/km]
MX128	6	7,3 ÷ 8,6	108
MX129	18	11,0 ÷ 12,8	243
MX130	24	12,8 ÷ 14,7	325
MX131	42	17,0 ÷ 19,0	490
MX132	60	18,8 ÷ 21,0	680
MX133	77	21,3 ÷ 23,7	883

CN 22-0 (AWG 22)

Item n° (white)	No. of pairs	Outer diameter [mm]	Cable mass [kg/km]
MX294	2	6,0 ÷ 6,9	72
MX141	3	6,7 ÷ 7,6	90
MX142	5	8,1 ÷ 9,0	125
MX287	7	8,0 ÷ 9,0	135
MX143	10	11,1 ÷ 12,1	224
MX144	16	12,8 ÷ 13,9	309
MX145	20	14,2 ÷ 15,6	388
MX146	30	16,4 ÷ 18,3	534
MX147	40	18,5 ÷ 20,5	674

CN 20-0 (AWG 20)

Item n° (white)	No. of pairs	Outer diameter [mm]	Cable mass [kg/km]
MX305	9	12,0 ÷ 13,0	175

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