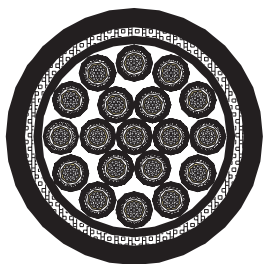


UNINAV – Type US-xx-A

Multi screened cores, armoured 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 12A and 12B (cross-section 0,5 and 1,0 mm²) of NAV-80-6145-0003-14-00B000 (see Ministry of Defence homologation certificate n° 27/22)

Table 12A - TYPE US 0,50-A (0,50 mm²)

Item n°	Number of cores	Outer diameter [mm]	Cable mass [kg/km]
MC100	3	9,7 ÷ 10,8	170
MC200	7	11,8 ÷ 13,1	270
MC300	12	14,7 ÷ 16,3	410
MC400	19	16,8 ÷ 18,6	570
MC500	37	21,8 ÷ 24,1	980

CONSTRUCTION

Conductor: concentric tinned copper conductor according ASTM B33

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

Core screen: tinned copper wire braid

Core sheath: halogen free compound, type S2 according to Standard EN 50306-1, colour black with printed white numbers for identification

Inner sheath: halogen free compound

Armour: aluminium 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
US "cross section" -A-"number of cores"
– 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:
MC400 - US 0,50-A-19 (armoured cable, nineteen screened cores, cross section 0,50 mm²)

The characteristics of the products, described in the data sheet, do not constitute any contractual binding. UNIKA spa reserves the right to change the specifications without any notice. Partial or total reproduction of this document is forbidden

Table 12B - TYPE US 1,0-A (1,00 mm²)

Item n°	Number of cores	Outer diameter [mm]	Cable mass [kg/km]
MC600	3	10,5 ÷ 11,6	205
MC700	7	12,8 ÷ 14,2	340
MC800	12	16,1 ÷ 17,8	520
MC900	19	18,5 ÷ 20,5	730
MAD00	20	13,5 ÷ 14,9	430

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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