Electrical Specifications

Frequency:	DC – 18.0 GHz
Impedance	50 Ohms
VSWR:	1.06 + 0.005 x f(GHz)
Insertion Loss:	0.2 dB max.
RF Leakage:	-90 dB max. to 3.0 GHz
	-75 dB max. to 18.0 GHz
Insulation Resistance:	shall not be less than 5,000 megohms
Dielectric Withstanding Voltage:	2,500 Volts rms at Sea Level
RF High Potential Withstanding Voltage:	1,500 Volts rms at 5 MHz

Mechanical Specifications

Pull Off Force
at Stainless Steel N Female: 450N min.

Materials

Steel
Corrosion resistant 1.4305 per DIN EN 10088-3 (ASTM-A-582-80)
Corrosion resistant 1.4310 per DIN EN 10151

Copper Beryllium
33-25 CuBe2Pb H per DIN 17666 (ASTM-B-196)

Brass
CuZn39Pb3; CW614N. per DIN EN 12163/12164 (ASTM-B-16)

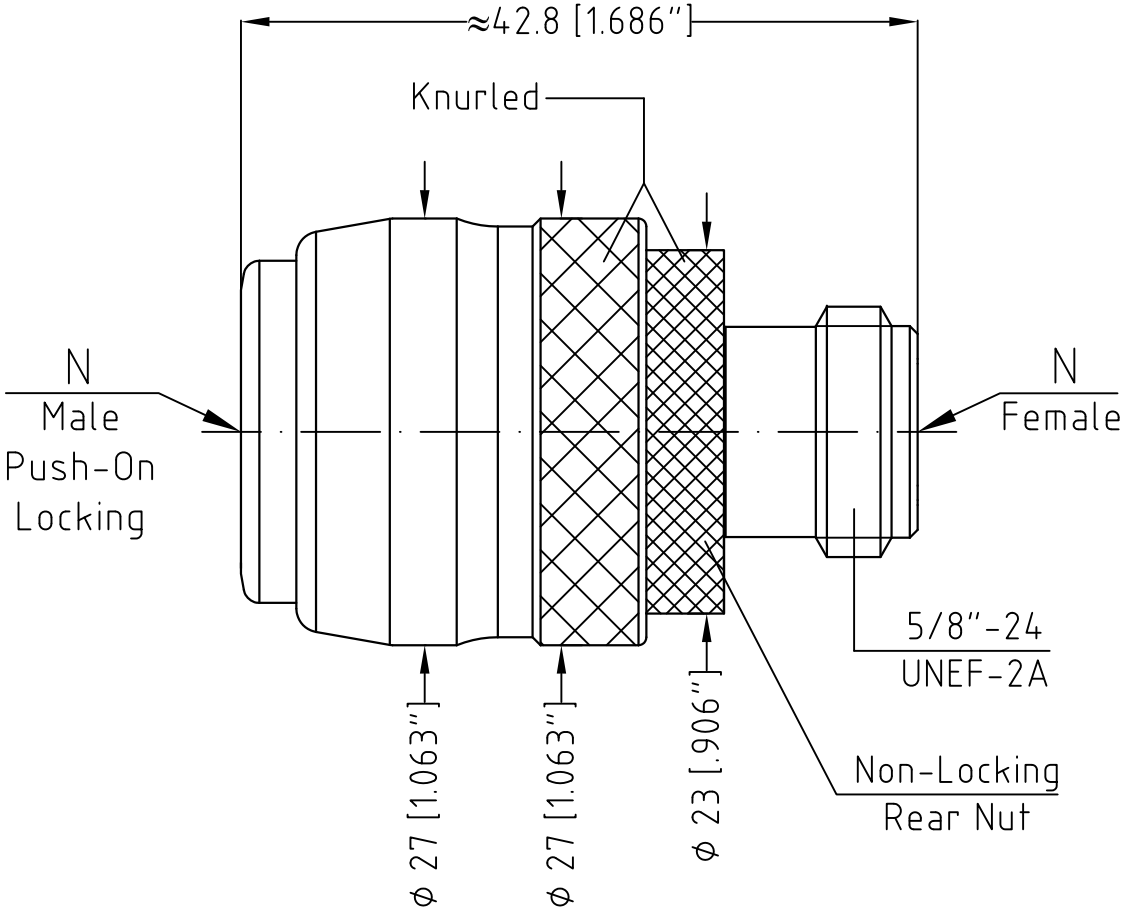
Thermoplast
per DIN EN ISO 10350

Finish

Stainless Steel
Coupling Nut, Outer conductor, Locking Nut and other parts shall be passivated per ASTM-A-967.

Copper Beryllium
Centre Contacts shall be gold plated to a minimum thickness of .00005 inch (1.27 µm) in accordance with ASTM-B-488, Type III, Code C, Class 1.25.
Centre Contacts shall be gold plated to a minimum thickness of .000031 inch (0.75 µm) per ASTM-B-488, Type III, Code C, Class 0.75.
Bolts shall be Nickel plated to a minimum thickness of 0.005" (12.7 µm) per MIL-C-26074E, Class 1, Grade B

Brass
Ferrules shall be gold plated to a minimum thickness of .000031 inch (0.75 µm) per ASTM-B-488, Type III, Code C, Class 0.75



DRAWING-SETS

8002-NL61-02

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STATE	CHANGES	DATE	NAME

SURFACE TREATMENT

ADM. TOL.

SURFACE: ISO 1302

	DATE	NAME
DRAWN	12.12.14	JPH
APPROV.	12.12.14	WDN
NORM		

Spectrum Elektrotechnik GmbH

CODE: C3117

SCALE

WEIGHT

MATERIAL

DESCRIPTION
Adapter
N Male Push On to N Female
Straight, Locking with Non-Locking Rear Nut

DRAWING NUMBER: 8002-NL61-02

SHEET

EDV-NR.: KUZ

OF