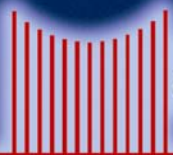


Hermetically Sealed Adapters



2.92mm, TNC, N, Feedthroughs
with venting holes for Vacuum Test Chambers



Spectrum when Quality is needed
Elektrotechnik GmbH

80905 Munich, Germany

Telephone: +49-89-3548-040

WWW.SPECTRUM-ET.COM

P.O. Box 450533

Facsimile: +49-89-3548-0490

Email: sales@spectrum-et.com

Hermetically Sealed Adapters ES

Hermetically sealed Adapters

GENERAL SPECIFICATIONS:

INTERFACE MATING DIMENSIONS: per MIL-STD-348A

MATERIALS:

Steel corrosion resistant 1.4305 per DIN EN 10088-3 (ASTM-A-582-80)

ASTM F 15 Alloy (Kovar)

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

TFE Fluorocarbon per (ASTM D 1710) (only certain units)

Silicone Rubber per DIN 3771 (A-A-59588A, Class 2B,) Grade 50 - 75.

Borosilicatglas per in-house specifications

Borium Nitrite sintered PTFE (only high power units for best heat dissipation)

Sn95Ag4Cu1 Solder

FINISH:

Copper Beryllium Parts: Center Contacts shall be gold plated to a minimum thickness of .00005 inch (1.25 μm) in accordance with ASTM B 488, Type 3, Code C, Class 1.25.

Stainless Steel: Outer conductor is gold plated to a thickness of 0000315 inch (0.8 μm) min. gold plating per ASTM B 488.

ASTM F 15: gold plated to a thickness of 0000315 inch (0.8 μm) min. gold plating per ASTM B 488.

ENVIRONMENTAL:

Meets MIL-PRF-39012 for

Corrosion (§ 3.13),

Moisture Resistance (§ 3.21)

The Adapters pass the Helium leak test of 10^{-9} cm³/sec at 1atm

ELECTRICAL:

Please refer to the individual Data Sheets

If you do not find the unit you require, please contact the factory. We might have developed the unit already, or we might be interested in designing and manufacturing the unit to your needs.

Hermetically sealed Adapters

2.9mm In-Series

with venting holes



DC to 40.0 GHz
2.9mm_{female} / 2.9mm_{BFJ}
P/N 8H0V-KFKF-00

For more detailed information please refer to the individual data sheets.

If you do not find the unit you require, please contact the factory. We might have developed the unit already, or we might be interested in designing and manufacturing the unit to your needs.

Hermetically sealed Adapters

N In-Series

with venting Holes



DC to 18 GHz
N_{female} / N_{BFF}
P/N 8H1V-6061-00



P/N 8H0V-6061-00
N_{female} / N_{BFF}

DC to 13 GHz



P/N 8H0V-6161-00
N_{female} / N_{female} 4 Hole Flange



P/N 8H5V-6061-00
N_{female} / N_{BFF}

DC to 13 GHz
High Power



8H5V-6161-00
N_{female} / N_{female} 4 Hole Flange

Hermetically sealed Adapters

TNC In-Series

with venting Holes



P/N 8H1V-4141-00
TNC_{female} / TNC_{B7F}

DC to 13 GHz



P/N 8H0V-4141-00
TNC_{female} / TNC_{female 4 Hole Flg}



P/N 8H6V-4141-00
TNC_{female}/TNC_{B7F}

DC to 13 GHz
High Power



P/N 8H5V-4141-00
TNC_{female}/TNC_{female4HoleFlg}

For more detailed information please refer to the individual data sheets.

If you do not find the unit you require, please contact the factory. We might have developed the unit already, or we might be interested in designing and manufacturing the unit to your needs.

Hermetically sealed Adapters

N and TNC In-Series

without venting Holes



P/N 8H02-6061-00

N_{female} / N_{B7FJ}

DC to 18 GHz



P/N 8H01-6161-00

N_{female} / N_{female 4 Hole Flg}



P/N 8H01-4141-00 DC to 13 GHz High Power

TNC_{female}/TNC_{female4HoleFlg}

If you do not find the unit you require, please contact the factory. We might have developed the unit already, or we might be interested in designing and manufacturing the unit to your needs.