# TA-NFHM



### N Female to 4.3-10 Male Low-PIM Adapter

#### **Product Classification**

Product Type Adapter

General Specifications

Body StyleStraightInner Contact PlatingSilver

Interface N Female

Interface 2 4.3-10 Male

Mounting AngleStraightOuter Contact PlatingTrimetal

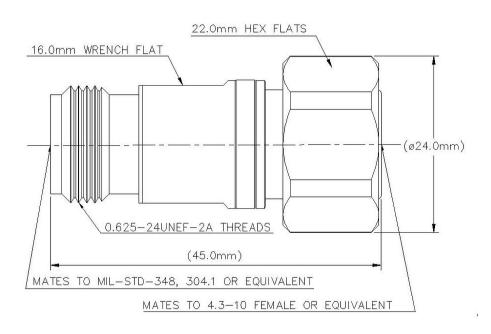
Dimensions

 Length
 45 mm
 | 1.772 in

 Diameter
 24 mm
 | 0.945 in

# TA-NFHM

### Outline Drawing



### **Electrical Specifications**

**3rd Order IMD at Frequency** -163 dBm @ 1800 MHz

**3rd Order IMD Test Method** Two +43 dBm carriers

Attenuation, Ambient Temperature 20 °C | 68 °F

Connector Impedance50 ohmdc Test Voltage2500 V

Inner Contact Resistance, maximum 1 mOhm

**Insulation Resistance, minimum** 5000 MOhm

**Operating Frequency Band** 0 – 6000 MHz

Outer Contact Resistance, maximum 1 mOhm

**COMMSCOPE®** 

# TA-NFHM

#### VSWR/Return Loss

Frequency Band VSWR Return Loss (dB)

**0–3000 MHz** 1.05 34 **3000–6000 MHz** 1.11 26

Mechanical Specifications

Coupling Nut Proof Torque8 N-m70.806 in lbCoupling Nut Retention Force450 N101.164 lbf

Interface Durability 100 cycles

Mechanical Shock Test Method IEC 60068-2-27

### **Environmental Specifications**

Operating Temperature -55 °C to +85 °C (-67 °F to +185 °F) Storage Temperature -65 °C to +125 °C (-85 °F to +257 °F)

Average Power, Ambient Temperature 40 °C | 104 °F Average Power, Inner Conductor Temperature 100 °C | 212 °F

Climatic Sequence Test Method IEC 60068-1

Corrosion Test Method IEC 60068-2-11

Damp Heat Steady State Test Method IEC 60068-2-3

Thermal Shock Test Method IEC 60068-2-14

Vibration Test Method IEC 60068-2-6

Packaging and Weights

**Weight, net** 65.84 g | 0.145 lb

### Regulatory Compliance/Certifications

### Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant



