

Part No:

# HAD-TNCP-SMAP



## TNC Male to SMA Male Adapter - 18 GHz

### Features

• RoHS Compliant



- Mechanically compatible with 2.92mm & 3.5mm
- Standard: MIL-STD-348B
- Thermal Shock: MIL-STD-202
- Moisture Resistance: MIL-STD-202
- Corrosion: MIL-STD-202

The HASCO **HAD-TNCP-SMAP** is a TNC Male to SMA Male between series adapter manufactured by HASCO Components. This between series TNC to SMA coax adapter will operate up to 18 GHz. Adapters that have a male to female or plug to jack configuration are known as “connector savers.” Typically, a low loss or low VSWR male to female adapter is placed on more expensive component connectors to prevent damage.

### Electrical

- Impedance 50Ω
- Frequency Range DC - 18 GHz
- VSWR 1.15:1 Max
- Insertion Loss  $\leq 0.05 \times \sqrt{f(\text{GHz})}$  dB
- Insulation Resistance  $\geq 5000\text{M}\Omega$
- Diel. Withstanding Voltage 1500 V rms
- Working Voltage 500 V rms

### Mechanical

	SMA	TNC
• Coupling Nut Torque	7 to 9.5 in-lbs	4.1 to 6.1 in-lbs
• Coupling Proof Torque	15 in-lbs	15 in-lbs
• Coupling Nut Retention Force	$\geq 60.7$ lbs	$\geq 101.2$ lbs
• Contact Captivation-Axial	$\geq 6.1$ lbs	$\geq 6.1$ lbs
• Durability	$\geq 500$ cycles	$\geq 500$ cycles

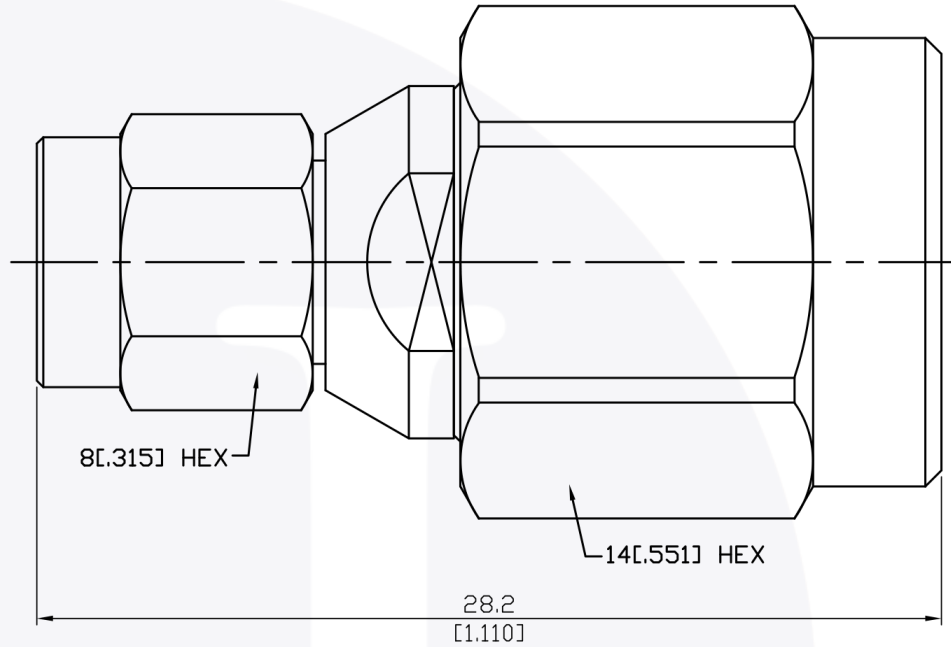
### Environmental


- Temperature Range -65°C to 165°C

### Material

- Body & Nut Passivated Stainless Steel
- Contact Gold plated BeCu
- Dielectric PTFE
- Gasket Silicone
- Retainer Ring Tin-Zinc-Copper Alloy plated Brass (TNC) BeCu (SMA)

# TNC Male to SMA Male Adapter | DC - 18 GHz | Outline Drawing



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-	RELEASE	6/24	TC		APPROVED BY: <i>TC</i>					
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