

Part No:

SMAP-SMAP-MM-02



SMA Male to SMA Male Adapter - 18 GHz

Features

- RoHS Compliant 
- Thermal Shock: MIL-STD-202, Method 107, Cond. B
- Moisture Resistance: MIL-STD-202, Method 106
- Corrosion: MIL-STD-202, Method 101, Cond. B

The HASCO SMAP-SMAP-MM-02 is a SMA male to SMA Male in-series adapter. This in-series 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. Bulkhead adapters and right angle adapters are also available from HASCO Components.

Electrical

- Impedance 50 Ω
- Frequency Range DC - 18 GHz
- VSWR 1.20:1 Max
- Insertion Loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB
- Insulation Resistance $\geq 5000\text{M}\Omega$
- Diel. Withstanding Voltage 1500 V rms
- Working Voltage 500 V rms

Mechanical

- Rec. Coupling Nut Torque 4 in-lbs
- Coupling Proof Torque 5.3 in-lbs
- Nut Retention Force ≥ 60.7 lbs
- Contact Captivation-Axial ≥ 6.1 lbs
- Durability ≥ 100

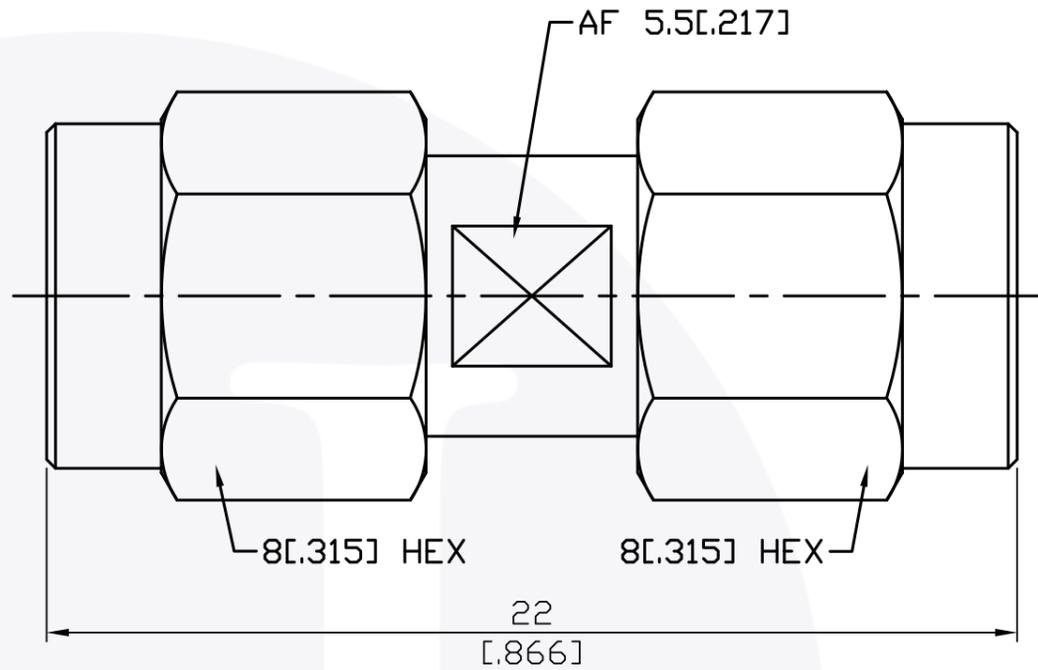
Environmental

- Temperature Range -65°C to 165°C

Material

- Connector Body & Nut Gold 4 over Nickel-Phosphorus Alloy 80 over Copper 20 plated Brass
- Dielectric PTFE
- Center Contact Gold 4 over Nickel-Phosphorus Alloy 80 over Copper 20 plated BeCu
- Gasket Silicone
- Retainer Ring Tin-Zinc-Copper Alloy plated BeCu

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



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: <i>NS</i>	REVIEWED BY: <i>JS</i>	 <p>5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com</p>				
-	RELEASE	3/26	TC		APPROVED BY: <i>TC</i>					
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						FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. SMAP-SMAP-MM-02		REV: -	
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