

# Huang Liang Mini-SMP Female to SMA Female Adapter

SKU: ACC-HL-00077

MPN: 159-A045.111

## Description

The Huang Liang Mini-SMP Female to SMA Female Adapter (Part Number: 159-A045.111) is a high-quality 50 Ω coaxial RF adapter. It features a Mini-SMP Female interface with a Radius Right Angle body and a Free Hanging mount, compatible with Mini-SMP Male interfaces. The other end has an SMA Female interface with a Straight body and Free Hanging mount, compatible with SMA Male interfaces. Operating within a frequency range of 0 GHz to 18 GHz, this adapter is ideal for various RF applications.

Constructed from Stainless Steel (303) with a Passivated finish, it ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, offering excellent conductivity. The adapter functions reliably in temperatures ranging from -55 °C to 155 °C. It meets ISO 9001 Quality Management and RoHS standards, reflecting its superior quality and compliance with industry regulations.

Manufactured by Huang Liang, a...

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## Huang Liang



Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunications, and aerospace.

Over 30 years of experience in developing and designing RF products, Huang Liang has overcome many challenges, resulting in unmatched expertise in the field of RF technology. Huang Liang ...

# RF Connector Interface

RF Interface	Body Shape	Mounting
Mini-SMP Female	Radius Right Angle	Free Hanging
SMA Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	18 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 325 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

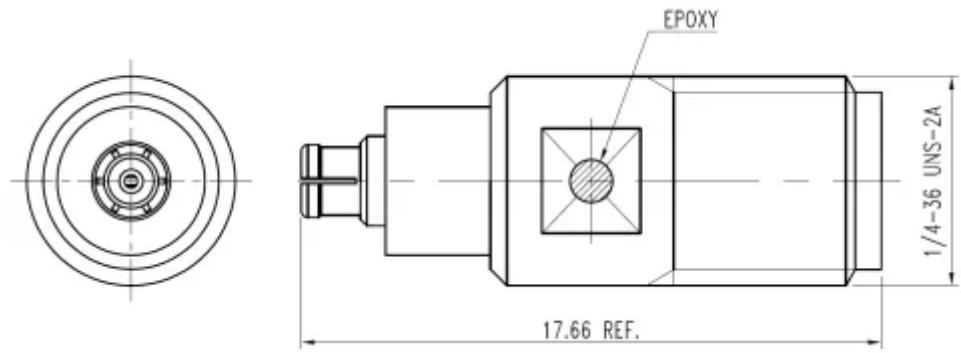
## VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	$\leq 1.3:1$	0.2 dB

## Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	155 °C
RoHS		Mating Cycles:	> 500

# Drawing



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