

# Huang Liang SMP Female to SMP Female Bullet Adapter, Spring Load

SKU: ACC-HL-00067

MPN: 145-A01H.118

## Description

The Huang Liang SMP Female to SMP Female Bullet Adapter, Spring Load (Part Number: 145-A01H.118) is a 50  $\Omega$  coaxial RF adapter designed for high-performance applications. Featuring SMP Female interfaces with straight body shapes and bullet mounting mechanisms, this adapter is compatible with SMP Male interfaces. It operates across a frequency range from 0 GHz to 12 GHz, ensuring versatile use in various RF systems.

Constructed from Stainless Steel (303) with a passivated finish, the adapter boasts durability and corrosion resistance. The inner contacts are made from Beryllium Copper with gold plating, offering excellent conductivity and reliability. It can withstand operating temperatures from -40 °C to 105 °C, making it suitable for diverse environmental conditions.

Manufactured under ISO 9001 Quality Management standards and compliant with RoHS directives, this adapter ensures high quality and safety. Huang Liang, with over 30 years of...

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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
SMP Female	Straight	Bullet
SMP Female	Straight	Bullet

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	12 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

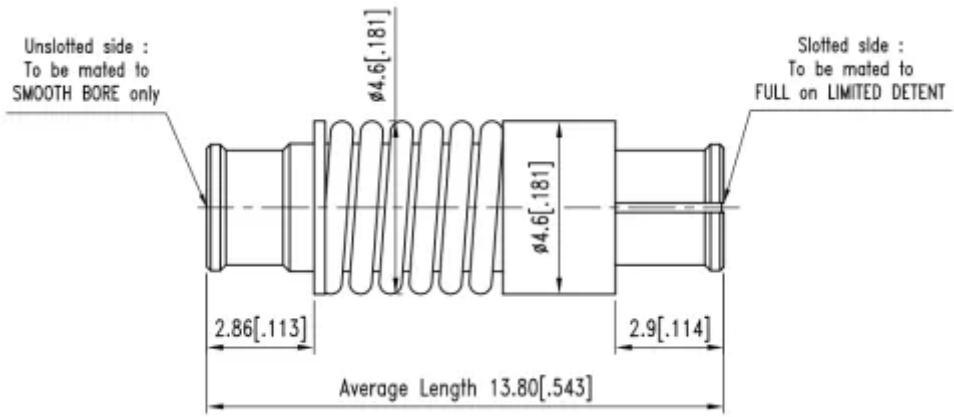
## VSWR Measurement

Frequency	VSWR	Insertion Loss
120000 MHz	$\leq 1.3:1$	0.45 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:	-40 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	105 °C
RoHS		Mating Cycles:	> 500

# Drawing



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