

Page



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## **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

Stop Frequency

12 GHz

RF Operating Voltage

$\geq 250$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

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 \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

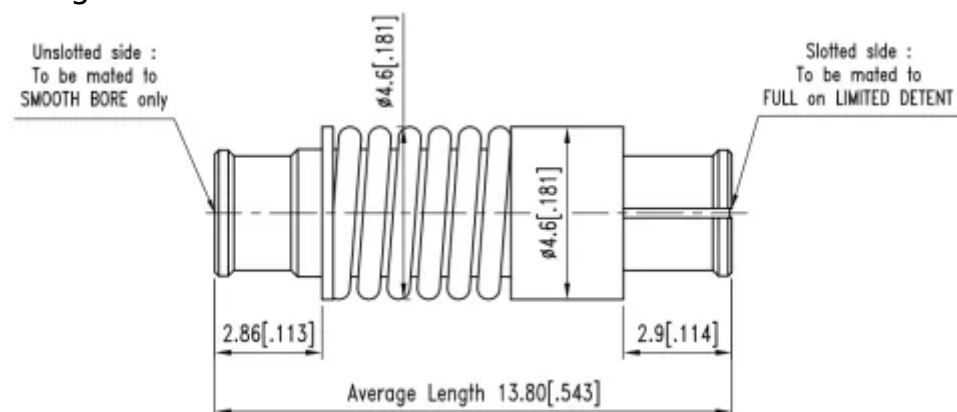
105 °C

Mating Cycles

> 500

Drawing

Image



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