



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 Ω 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

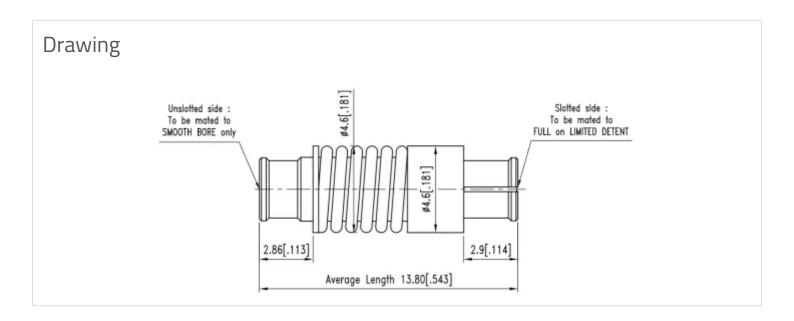
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
|-----------------------|------------|---------------------------|-----------|
| Stop Frequency: | 12 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 250 Vrms | Insulation Resistance: | ≥ 3000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|------------|---------|----------------|
| 120000 MHz | ≤ 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 |



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