

Huang Liang SMA Female to SMP Male Adapter

SKU: ACC-HL-00069

MPN: 145-A035.119

Description

The Huang Liang SMA Female to SMP Male Adapter (Part Number: 145-A035.119) is a high-quality 50 Ω coaxial RF adapter. It features a straight-body SMA Female interface and a straight-body SMP Male interface, both designed for free-hanging mounting. This adapter supports SMA Male and SMP Female connections and operates within a frequency range of 0 GHz to 18 GHz.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and reliability. The inner contacts are made of Beryllium Copper with gold plating for enhanced connectivity. It performs efficiently in temperatures ranging from -65 °C to 125 °C.

Complying with ISO 9001 Quality Management and RoHS standards, this product guarantees high-quality and environmentally safe performance. Huang Liang, a Taiwanese manufacturer with over 30 years of expertise in RF technology, supplies precision coaxial connectors, adapters, and cable assemblies for various...

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RF Connector Interface



| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| SMA Female | Straight | Free Hanging |
| SMP Male | Straight | Free Hanging |

Huang Liang RF Specification

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 ...

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 18 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 335 Vrms | Insulation Resistance: | ≥ 5000 mΩ |
| | | Outer Contact Resistance: | ≤ 3 mΩ |

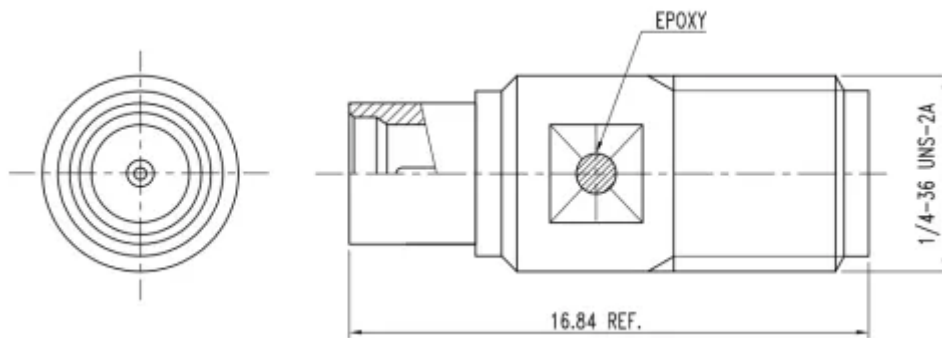
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 18000 MHz | ≤ 1.4:1 | 0.4 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: | -65 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Max. Operating Temperature: | 125 °C |
| RoHS | | Mating Cycles: | > 500 |

Drawing



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