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Huang Liang SMA Female to SMB Male Adapter

SKU
ACC-HL-00002
MPN
101-A650.199

Description

The Huang Liang SMA Female to SMB Male Adapter (Part Number: 101-A650.199) is a high-quality 50 Ω coaxial RF adapter suitable for various applications. It features a straight body with free-hanging mounts, ensuring compatibility with both SMA Male and SMB interfaces. Designed for broad usability, it operates within a frequency range of 0 to 4 GHz and maintains performance in temperatures from -65 °C to 165 °C.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter's inner contacts are made of Beryllium Copper with gold plating, ensuring reliable conductivity and longevity. This product meets ISO 9001 Quality Management standards and is RoHS compliant, guaranteeing high quality and adherence to environmental regulations.

Huang Liang, a Taiwan-based manufacturer with over 30 years of experience, specialises in precision coaxial connectors, adapters, and cable assemblies. Their expertise supports industries such...

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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

[SMA Female](#) [Straight](#) [Free Hanging](#)

[SMB Male](#) [Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

4 GHz

RF Operating Voltage

≥ 335 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

$\geq 1000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

4000 MHz $\leq 1.2:1$ 0.25 dB

Physical Specification

Body Material

[Stainless Steel \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

1.78 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-65 °C

Max. Operating Temperature

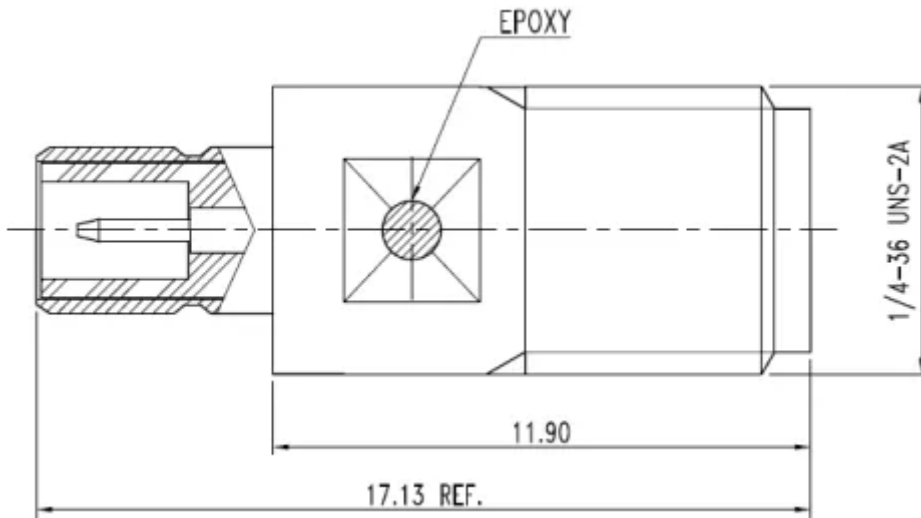
165 °C

Mating Cycles

> 500

Drawing

Image



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