

Page



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Huang Liang MMCX Female to SMA Female Precision Adapter

SKU
ACC-HL-00065
MPN
101-A750.199

Description

The Huang Liang MMCX Female to SMA Female Precision Adapter (Part Number: 101-A750.199) is a high-quality 50 Ω coaxial RF adapter. It features an MMCX Female interface and an SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms, making them compatible with MMCX Male and SMA Male interfaces respectively. Operating within a frequency range of 0 GHz to 6 GHz, this adapter is suitable for a variety of applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and reliability. The adapter functions effectively in a wide temperature range from -55 °C to 155 °C.

Huang Liang, a Taiwanese manufacturer with over 30 years of experience in RF technology, ensures that this product complies with ISO 9001 Quality Management standards and RoHS...

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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

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

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

RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

RF Operating Voltage

≥ 170 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 3 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

6000 MHz $\leq 1.3:1$ 0.3 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

-55 °C

Max. Operating Temperature

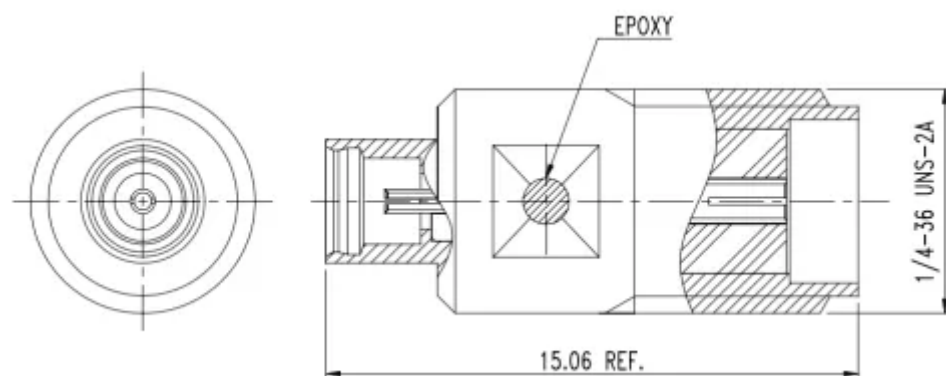
155 °C

Mating Cycles

> 500

Drawing

Image



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