Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huang Liang Mini-SMP Female to SMA Female Adapter

SKU
ACC-HL-00077
MPN
159-A045.111

Description

The Huang Liang Mini-SMP Female to SMA Female Adapter (Part Number: 159-A045.111) is a high-quality 50 Ω coaxial RF adapter. It features a Mini-SMP Female interface with a Radius Right Angle body and a Free Hanging mount, compatible with Mini-SMP Male interfaces. The other end has an SMA Female interface with a Straight body and Free Hanging mount, compatible with SMA Male interfaces. Operating within a frequency range of 0 GHz to 18 GHz, this adapter is ideal for various RF applications.

Constructed from Stainless Steel (303) with a Passivated finish, it ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, offering excellent conductivity. The adapter functions reliably in temperatures ranging from -55 °C to 155 °C. It meets ISO 9001 Quality Management and RoHS standards, reflecting its superior quality and compliance with industry regulations.

Manufactured by Huang Liang, a...

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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
Mini-SMP Female	Radius Right Angle	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

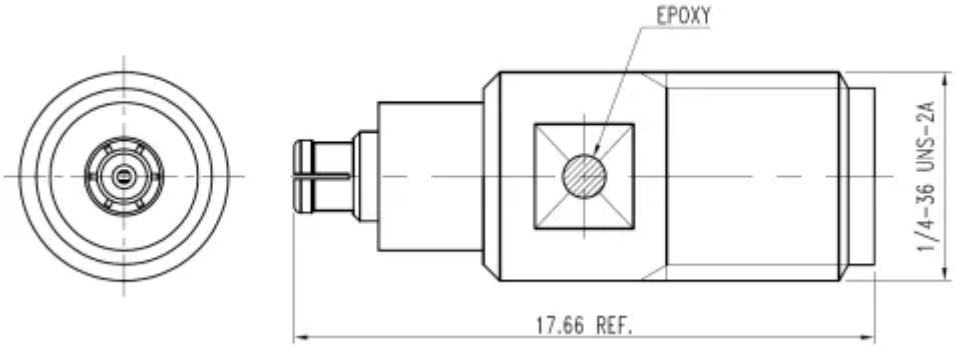
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 325 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	≤ 1.3:1	0.2 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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