

Huang Liang SMA Female to Mini-SMP Male Adapter

SKU: ACC-HL-00068

MPN: 159-A035.119

Description

The Huang Liang SMA Female to Mini-SMP Male Adapter (Part Number: 159-A035.119) is a high-quality 50 Ω coaxial RF adapter designed for precision applications. This adapter features a straight SMA Female interface compatible with SMA Male connectors, and a straight Mini-SMP Male interface compatible with Mini-SMP Female connectors. It supports an operating frequency range of 0 GHz to 18 GHz.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with gold plating for enhanced electrical performance. It operates efficiently in temperatures ranging from -55 °C to 155 °C.

Manufactured to ISO 9001 quality standards and compliant with RoHS regulations, this adapter guarantees reliable performance and environmental safety. Ideal for applications in military, telecommunications, and aerospace industries, Huang Liang's RF adapters...

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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
Mini-SMP Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	18 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 325 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

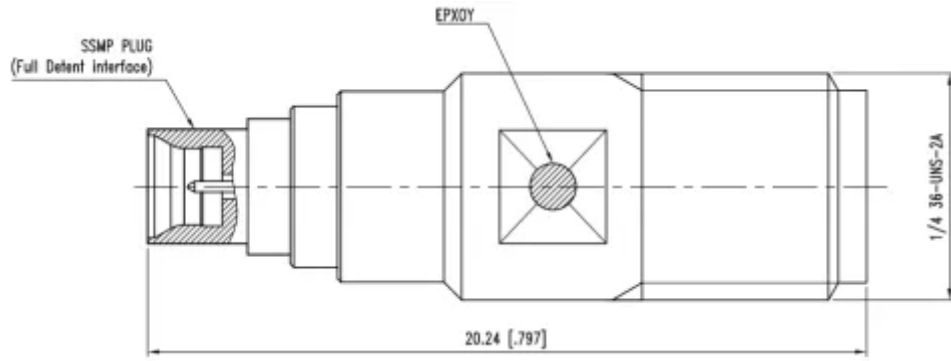
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	$\leq 1.3:1$	0.2 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:	-55 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	155 °C
RoHS		Mating Cycles:	> 500

Drawing



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