

# Huang Liang SMA Female to SMP Male 4-Hole Flange Mount Adapter

SKU: ACC-HL-00066

MPN: 145-A03K.188

## Description

The Huang Liang SMA Female to SMP Male 4-Hole Flange Mount Adapter (Part Number: 145-A03K.188) is a 50 Ω coaxial RF adapter designed for high-performance applications. It features an SMA Female interface with a straight body and a 4-Hole Flange Front Mount, compatible with SMA Male interfaces. The adapter also includes an SMP Male interface with a straight body and a 4-Hole Flange Rear Mount, compatible with SMP Female interfaces.

This adapter operates across a frequency range of 0 GHz to 18 GHz, ensuring broad applicability in various RF applications. Constructed from stainless steel (303) with a passivated finish, it offers durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, enhancing conductivity and reliability. It functions effectively in extreme temperatures ranging from -65 °C to 165 °C.

Manufactured to meet ISO 9001 Quality Management standards and RoHS compliance, this adapter...

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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	4-Hole Flange
SMP Male	Straight	4-Hole Flange

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	18 GHz	Inner Contact Resistance:	$\leq 5 \text{ m}\Omega$
RF Operating Voltage:	$\geq 335 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

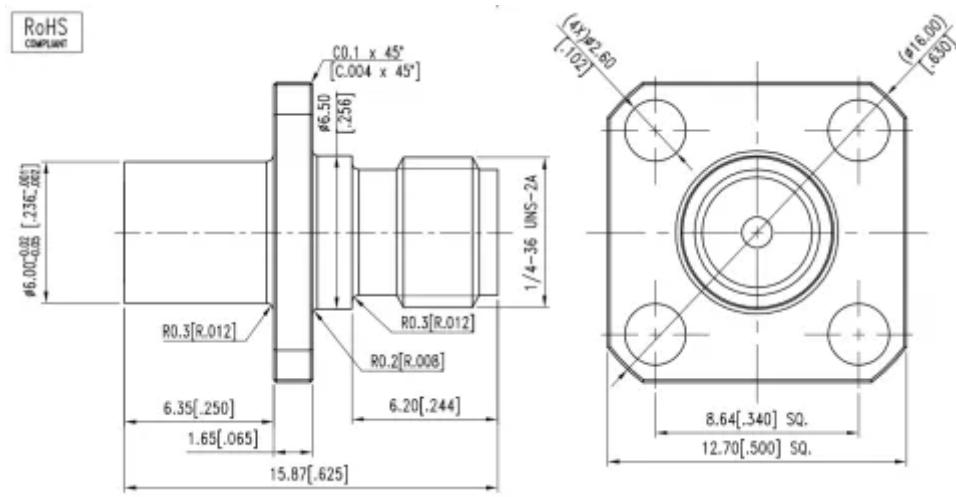
## VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	$\leq 1.3:1$	0.25 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:	165 °C
RoHS		Mating Cycles:	> 500

# Drawing



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