Halberd Bastion Pty Ltd
ABN: 88 612 565 965
58 Latrobe Terrace, Brisbane
Queensland, Australia, 4064
consult@halberdbastion.com

Huang Liang 1.85 mm Female to SMA Male Adapter

Product Code

ADU1-VF1-SMM1

Precision

General Precision (IEEE 287)

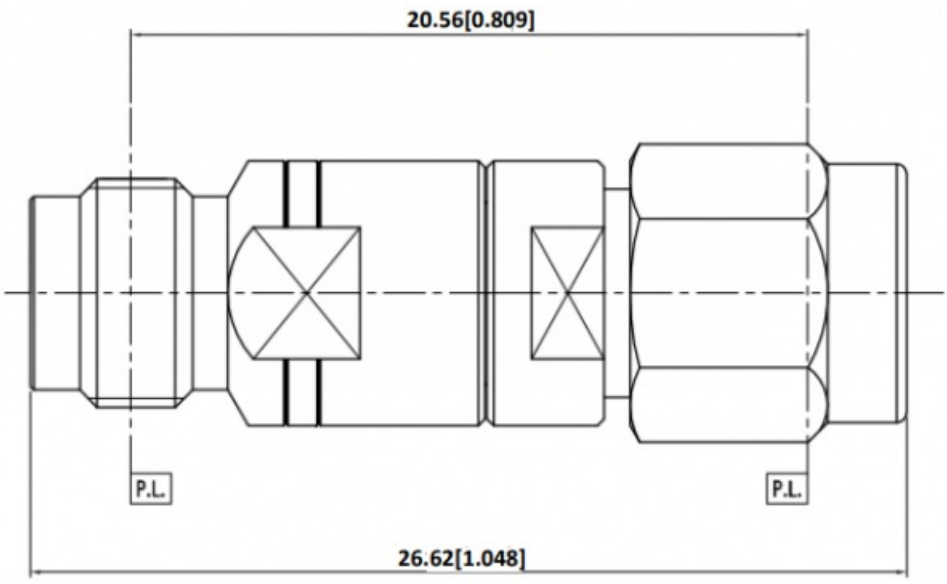
1.85 mm (V)

The 1.85 mm connector is a pin and socket type connector that uses an air dielectric filled interface that assures mode free operation up to 65 GHz. It is also known as the Type V connector. Some manufacturers have demonstrated performance up to 67 GHz. The design has been introduced as an open standard under the IEEE 287 Precision Connector Standards Committee.

SMA

The SMA "SubMiniature A" connector series is one of the most commonly used RF connector due to its durability and performance. SMA series has a 1/4 - 36 UNS threaded coupling and can operate up to 18 GHz when using semi-flex or semi-rigid cable types.

▼ RF Adapter Technical Data



▼ Interface #1

Series	1.85 mm (V)	Body Shape	Straight
Gender	Female	Mounting	Free Hanging

▼ Interface #2

Series	SMA	Body Shape	Straight
Gender	Male	Mounting	Free Hanging

▼ RF Performance

Operating Freq. Range	0 to 26.50 GHz	Input Impedance	50 Ω
VSWR	< 1.20:1	Insertion Loss	No Data

▼ Physical Characteristics

Body Material(s)	Stainless Steel (303)	Contact Material(s)	Beryllium-Copper
Body Plating	Passivated	Contact Plating	Gold
Dimensions	26.62 x 8 mm (L x ø)	Operating Temperature	-40 to 105 °C
Weight	8.100 g	Mating Cycles	>500

Huang Liang

Huang Liang is a manufacturer of coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunication and aerospace.

Over 30 years of experiences in developing and designing RF products, Huang Liang has overcome many challenges with our expertise on RF field. Huang Liang has a professional engineering team which enables its clients to get timely advice and provide mechanical and electrical support.

Document Generated on February 19, 2020 19:05