

## Huang Liang 1.85 mm Male to 2.4 mm Female Adapter

Product Code

ADU1-VM1-QF1

Precision

General Precision (IEEE 287)

1.85 mm (V)

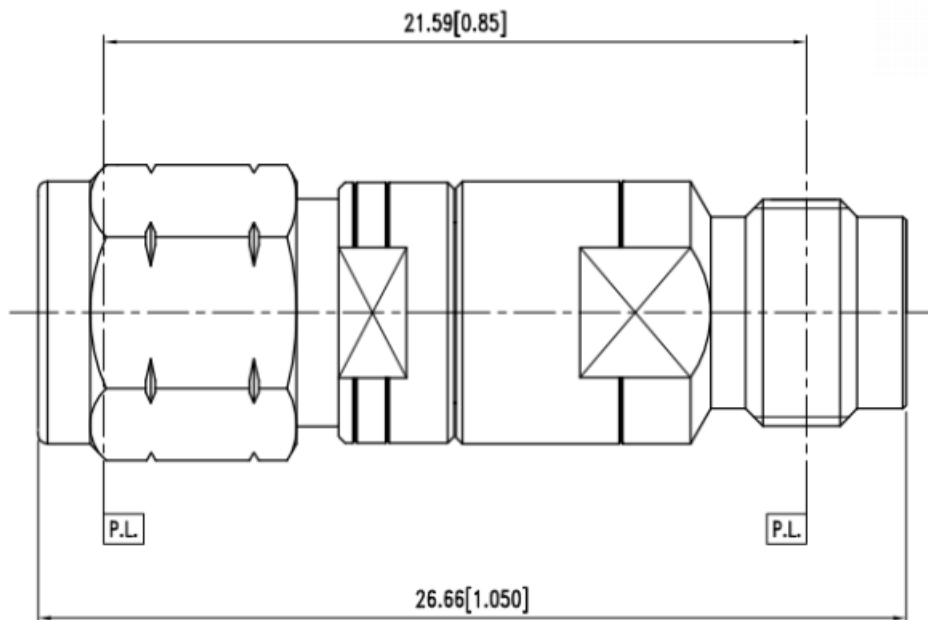
The 1.85 mm connector is a pin and socket type connector that uses an air dielectric filled interface that assures mode free operation up to 65 GHz. It is also known as the Type V connector. Some manufacturers have demonstrated performance up to 67 GHz. The design has been introduced as an open standard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

2.4 mm (Q)

The 2.4 mm connector is a pin and socket type connector that uses an air dielectric filled interface that assures mode free operation up to 50 GHz. It is also known as the Type Q, or OS-50 connector. Some manufacturers have demonstrated performance up to 60 GHz. The design has been introduced as an open standard under the IEEE 287 Precision Connector Standards Committee.



### ▼ RF Adapter Technical Data



### ▼ Interface #1

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

### ▼ Interface #2

Series	2.4 mm (Q)	Body Shape	Straight
Gender	Female	Mounting	Free Hanging

#### ▼ RF Performance

Operating Freq. Range	0 to 50.00 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	26.66 x 7.9 mm (L x ø)	Operating Temperature	-40 to 105 °C
Weight	6.600 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.

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