

Huang Liang 2.92 mm Female to N Male Adapter

Product Code

ADU1-KF1-NM1

Precision

General Precision (IEEE 287)

2.92 mm (K)

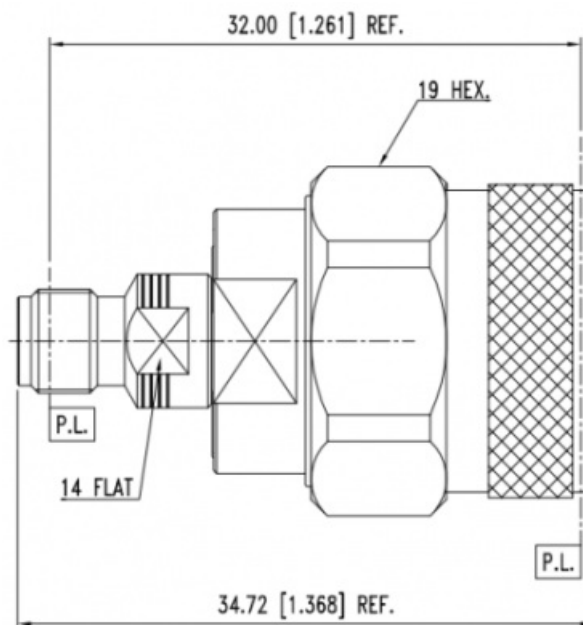
The 2.92 mm connector is a pin and socket type connector that uses an air dielectric filled interface that assures mode free operation up to 40 GHz. It is also known as the Type K connector. The connector interfaces mechanically with 3.5 mm and SMA connectors, however the junction introduces a discontinuity which must be accounted for.

N

The "Navy" series connector, also known as Type-N or N-Type, was originally designed for military communications. N connectors have a 5/8 - 24 UNEF threaded coupling and are often considered weatherproof for low frequency applications, however lack of internal gaskets make weatherproofing necessary for reliable operation. N connectors have a 50 Ω characteristic impedance, with 75 Ω variations also available with modified contact and dielectric configuration.



▼ RF Adapter Technical Data



▼ Interface #1

Series	2.92 mm (K)	Body Shape	Straight
Gender	Female	Mounting	Free Hanging

▼ Interface #2

Series	N	Body Shape	Straight
Gender	Male	Mounting	Free Hanging

▼ RF Performance

Operating Freq. Range	0 to 18.00 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	34.72 x 19 mm (L x Ø)	Operating Temperature	-40 to 105 °C
Weight	33.100 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.

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