2.4 MM To 2.92 MM Adapters

Engineered for precision testing equipment

Ordering Information

Part Number	Description
AD-24P292J-1	2.4 mm Plug to 2.92 mm Jack Adapter
AD-24J292J-1	2.4 mm Jack to 2.92 mm Jack Adapter

Overview

Amphenol RF offers high-performance 2.4 mm plug or jack to 2.92 mm jack adapters suited for testing environments. This adapter enables seamless connectivity between 2.4 mm plugs and jacks as well as 2.92 mm jack interfaces. They support high frequencies of DC to 40 GHz while maintaining minimal signal loss. They ensure minimal reflection with a maximum VSWR of 1.25 for enhanced system efficiency. A wide operating temperature range designed for extreme temperatures of -40°C to +125°C ensures trustworthy performance.

Providing durability and corrosion resistance the body and shell of the adapter is designed with passivated stainless steel. Gold-plated beryllium copper contacts guarantee conductivity and reliability. The insulator is made with natural-colored ULTEM and provides superlative dielectric properties. This PFAS free adapter is highly suited for use with advanced testing and measurement equipment within research & development labs.

They are readily available as off-the-shelf solutions.

Features and Benefits

- Reliable electrical performance up to 40 GHz
- Engineered for precision and optimal signal integrity
- Ruggedized housings ensure longevity
- Wide operating temperature range

Applications

- Test & Measurement Equipment
- Aerospace & Defense
- High-Speed Communications
- Research & Development Labs
- Precision RF Instrumentation

Amphenol RF
Four Old Newtown Road
Danbury, CT 06810

For more information visit www.amphenolrf.com
or call 800.627.7100

Amphenol® RF

Technical Specifications

Electrical

Impedance	50Ω
Frequency Range	DC – 40 GHz
VSWR	1.25 Max.
Dielectric Withstanding Voltage	500 VRMS. Min.

Mechanical

Mating Cycles	500
Coupling Mechanism	Threaded

Materials

Body	Stainless Steel, Passivated
Contact	Beryllium Copper, Gold-Plated
Insulator	ULTEM

Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.

Amphenol RF
Four Old Newtown Road
Danbury, CT 06810
For more information visit www.amphenolrf.com
or call 800.627.7100