

Maury Microwave Adapter Series

Maury Microwave adapters reduce measurement uncertainties and improve measurement accuracy and repeatability. The product family includes calibration-grade metrology adapters; color-coded precision adapters; and quick-connect, waveguide, and daily-use lab adapters.

Adapter Series



Test Essentials™ Lab Adapters

Test Essentials lab adapters are designed for daily use in RF and microwave laboratories and production facilities, offering exceptional price-to-performance value, rugged construction, excellent electrical performance, repeatable mating, and high reliability.

- > 1.85mm, 2.4mm, 2.92mm, 3.5mm, SMA, and Type N connectors
- > VSWR: 1.15:1 to 1.3:1
- > MIL-spec concentricity and pin depth



ColorConnect™ Color-coded Precision Adapters

Designed for lab and field use where quality, performance, and ease of identification are critical, ColorConnect precision adapters clearly indicate compatibility and intermatability to help prevent improper mating.

- > 1.85mm, 2.4mm, 2.92mm, 3.5mm, SMA, and Type N connectors
- > VSWR: 1.1:1 to 1.2:1
- > IEEE P287 high-frequency connector color coding
- > Prevents damage and downtime from connection errors
- > Easily identify connector type, frequency range, and torque requirements



Metrology Adapters

Calibration-grade metrology adapters provide the lowest VSWR to minimize mismatch between connected components and ensure the highest signal flow.

- > 1.85mm, 2.4mm, 2.92mm, 3.5mm, 7mm, AFTNC, BNC, SMA, TNC, and Type N connectors
- > VSWR Max: 1.04:1 to 1.2:1
- > Ideal for frequent connect/disconnect cycles
- > Ruggedized NMD series for VNA test port protection
- > High repeatability and durability

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QuickTest Adapters



QuickTest adapters incorporate a push-on/pull-off design for fast, accurate connections and disconnections. An optional guide sleeve provides self-alignment for automated test stations.

- > 2.4mm and 3.5mm connectors
- > Quick, easy push-on/pull-off capability
- > Designed for durability and long life
- > Push-on repeatability: >40 dB
- > Finger-Tightened: >50 dB
- > Guide sleeve design for automated applications



Waveguide Adapters

Waveguide-to-coaxial adapters support high-precision laboratory test and measurement applications. Precision index holes and lapped flanges facilitate proper mating.

Right Angle & End Launch EIA WR to 2.4mm, 2.92mm, and 3.5mm Connectors

- EL = End Launch
- RAL = Right Angle Launch

Frequency Range (GHz)	EIA WR Number	Model (By Coaxial Connector Type)					
		2.4mm female	2.4mm male	2.92mm female	2.92mm male	3.5mm female	3.5mm male
8.20 - 12.40	90	N/A	N/A	N/A	N/A	EL VSWR: 1.10 RAL VSWR: 1.07	EL VSWR: 1.10 RAL VSWR: 1.07
10.00 - 15.00	75	N/A	N/A	N/A	N/A	EL VSWR: 1.10 RAL VSWR: 1.07	EL VSWR: 1.10 RAL VSWR: 1.07
12.40 - 18.00	62	N/A	N/A	N/A	N/A	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07
15.00 - 22.00	51	N/A	N/A	N/A	N/A	EL VSWR: 1.20 RAL VSWR: 1.07	EL VSWR: 1.20 RAL VSWR: 1.07
18.00 - 26.50	42	EL VSWR: 1.07 RAL VSWR: 1.10	EL VSWR: 1.07 RAL VSWR: 1.10	EL VSWR: 1.07	EL VSWR: 1.07	EL VSWR: 1.15 RAL VSWR: 1.10	EL VSWR: 1.15 RAL VSWR: 1.10
22.00 - 33.00	34	EL VSWR: 1.07 RAL VSWR: 1.10	EL VSWR: 1.07 RAL VSWR: 1.10	N/A	N/A	EL VSWR: 1.15 RAL VSWR: 1.20	EL VSWR: 1.15 RAL VSWR: 1.20
26.50 - 40.00	28	EL VSWR: 1.10 RAL VSWR: 1.15	EL VSWR: 1.10 RAL VSWR: 1.15	EL VSWR: 1.10 RAL VSWR: 1.15	EL VSWR: 1.10 RAL VSWR: 1.15	N/A	N/A
33.00 - 50.00	22	EL VSWR: 1.15 RAL VSWR: 1.20	EL VSWR: 1.15 RAL VSWR: 1.20	N/A	N/A	N/A	N/A

Right Angle & End Launch EIA WR to 7mm and Type N Connectors

- EL = End Launch
- RAL = Right Angle Launch

Frequency Range (GHz)	EIA WR Number	Model (By Coaxial Connector Type)		
		7mm	Type N female	Type N male
8.20 - 12.40	90	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07
10.00 - 15.00	75	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07
12.40 - 18.00	62	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07	EL VSWR: 1.07 RAL VSWR: 1.07

More from Maury

- > Stability cable assemblies ensure stable, repeatable measurements
- > Torque wrenches tighten coaxial connectors for optimum repeatability and prolonged connector life
- > Connector gage kits provide an easy, accurate way to measure linear interface connector dimensions



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