

# At-A-Glance Adapter Comparison

Our At-A-Glance adapter comparison chart allows an easy overview of Maury's Test Essentials™, ColorConnect™ and Calibration-Grade (Metrology) adapter performance.

## Test Essentials™ Lab Adapters

Test Essentials™ Lab Adapters have been designed for daily use in microwave/RF labs and production facilities and offer one of the industry's best price/performance ratios. Test Essentials™ Lab Adapters feature excellent electrical performance, rugged construction for durability, repeatable mating and high reliability. Test Essentials™ Lab Adapters are available in SMA, N Type, 3.5mm, 2.92mm, 2.4mm and 1.85mm in-series and between-series.

## ColorConnect™ Precision Adapters

ColorConnect™ Precision Adapters have been designed for lab and field use where quality, performance, ease-of-identification and ease-of-use are critical. New manufacturing techniques have given ColorConnect™ Precision Adapters improved VSWR specifications bridging the gap between calibration-grade metrology adapters and daily-use lab adapters. Following the proposed IEEE high-frequency connector/adapter color convention, ColorConnect™ Precision Adapters are the first commercially available products to offer clear indications of compatibility and intermatability. ColorConnect™ makes it a simple matter to avoid and eliminate damaged equipment, degraded equipment reliability, degraded performance and lengthy maintenance times due to improper mating (and attempted mating) of incompatible adapters. ColorConnect™ Precision Adapters are available in N Type, SMA, 3.5mm, 2.92mm, 2.4mm and 1.85mm in-series and between-series.

## Calibration-Grade (Metrology) Adapters

Maury Microwave's comprehensive line of calibration-grade (metrology) adapters have been designed as an integral part of its renowned Vector Network Analyzer (VNA) Calibration Kits and are also available separately where calibration-grade precision is demanded. In-series and between series coaxial adapters are available for all precision laboratory measurement connectors – 1.85mm, 2.4mm, 2.92mm (K), 3.5mm, 7mm, 14mm, 7-16, etc.; all common systems connectors – type N, TNC, etc.; and several special purpose connector series such as EIA 7/8 rigid line connectors.

**Visit our website at: [maurymw.com](http://maurymw.com)  
to learn more and shop online for these adapters  
and other Maury products.**

Maury Adapter Solutions				
Connector 1	Connector 2	VSWR		
		Test Essentials™ Lab Adapters	ColorConnect™ Precision Adapters	Calibration-Grade (Metrology) Adapters
SMA Female	SMA Female	1.15	1.15	—
SMA Male	SMA Male	1.15	1.15	—
SMA Male	SMA Female	1.15	1.15	—
SMA Female	N Female	1.15	—	—
SMA Male	N Male	1.15	—	—
SMA Female	N Male	1.15	—	—
SMA Male	N Female	1.15	—	—
N Female	N Female	1.20	1.15	1.09
N Male	N Male	1.20	1.15	1.09
N Male	N Female	1.20	1.15	1.09
3.5mm Female	N Female	1.15	1.14	1.13
3.5mm Male	N Male	1.15	1.14	1.13
3.5mm Female	N Male	1.15	1.14	1.13
3.5mm Male	N Female	1.15	1.14	1.13
3.5mm Female	3.5mm Female	1.20	1.12	1.08
3.5mm Male	3.5mm Male	1.20	1.12	1.08
3.5mm Male	3.5mm Female	1.20	1.12	1.08
2.4mm Female	3.5mm Female	1.15	1.10	1.08
2.4mm Male	3.5mm Male	1.15	1.10	1.08
2.4mm Female	3.5mm Male	1.15	1.10	1.08
2.4mm Male	3.5mm Female	1.15	1.10	1.08
2.92mm Female	2.92mm Female	1.17	1.14	1.12
2.92mm Male	2.92mm Male	1.17	1.14	1.12
2.92mm Male	2.92mm Female	1.17	1.14	1.12
2.4mm Female	2.92mm Female	1.17	1.14	1.12
2.4mm Male	2.92mm Male	1.17	1.14	1.12
2.4mm Female	2.92mm Male	1.17	1.14	1.12
2.4mm Male	2.92mm Female	1.17	1.14	1.12
2.4mm Female	2.4mm Female	1.22	1.17	1.15
2.4mm Male	2.4mm Male	1.22	1.17	1.15
2.4mm Male	2.4mm Female	1.22	1.17	1.15
1.85mm Female	1.85mm Female	1.30	1.20	1.15
1.85mm Male	1.85mm Male	1.30	1.20	1.15
1.85mm Male	1.85mm Female	1.30	1.20	1.15