

At-A-Glance Adapter Comparison

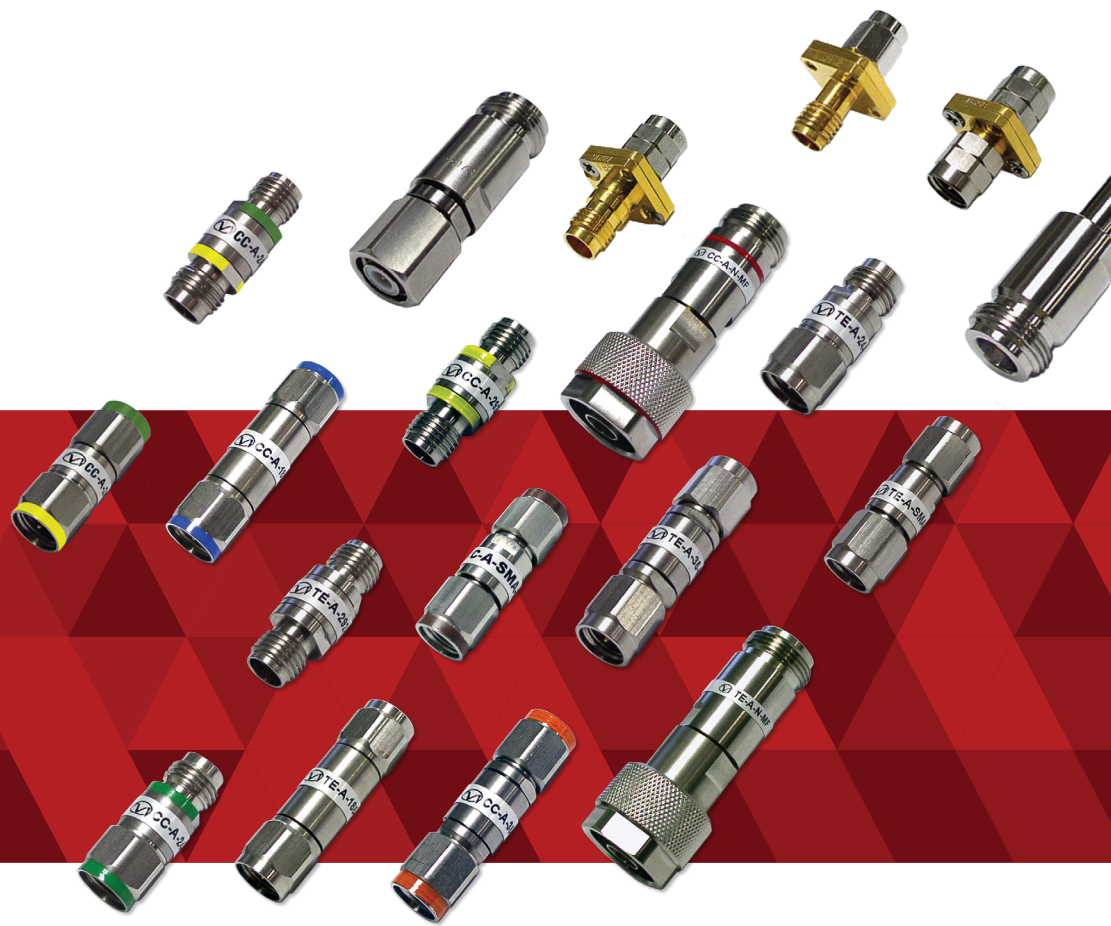
DATA SHEET / 2B-075

MODELS:

Calibration-Grade (Metrology) Adapters

ColorConnect™ Precision Adapters

Test Essentials™ Lab Adapters



Calibration-Grade (Metrology) Adapters, ColorConnect Precision Adapters & Test Essentials Lab Adapters

AT-A-GLANCE PERFORMANCE COMPARISON

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 system connectors – type N, TNC, etc.; and several special purpose connector series such as EIA 7/8 rigid line connectors.

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/adaptor 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, 3.5mm, 2.92mm, 2.4mm and 1.85mm in-series and between-series.

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 values. 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, 3.5mm, 2.92mm, 2.4mm and 1.85mm in-series and between-series configurations.

Shop Online for Calibration-Grade (Metrology) Adapters, ColorConnect™ Precision Adapters, Test Essentials™ Lab Adapters Online at the Maury Store: (store.maurymw.com)

Maury Coaxial Adapter Solutions

Connector 1	Connector 2	VSWR		
		Calibration-Grade (Metrology) Adapters	ColorConnect™ Precision Adapters	Test Essentials™ Lab Adapters
SMA (F)	SMA (F)	—	1.15	1.15
SMA (M)	SMA (M)	—	1.15	1.15
SMA (M)	SMA (F)	—	1.15	1.15
SMA (F)	N (F)	—	1.14	1.14
SMA (M)	N (M)	—	1.14	1.14
SMA (F)	N (M)	—	1.14	1.14
SMA (M)	N (F)	—	1.14	1.14
N (F)	N (F)	1.09	1.15	1.15
N (M)	N (M)	1.09	1.15	1.15
N (M)	N (F)	1.09	1.15	1.15
3.5mm (F)	N (F)	1.13	1.14	1.14
3.5mm (M)	N (M)	1.13	1.14	1.14
3.5mm (F)	N (M)	1.13	1.14	1.14
3.5mm (M)	N (F)	1.13	1.14	1.14
3.5mm (F)	3.5mm (F)	1.08	1.12	1.12
3.5mm (M)	3.5mm (M)	1.08	1.12	1.12
3.5mm (M)	3.5mm (F)	1.08	1.12	1.12
2.4mm (F)	3.5mm (F)	1.08	1.10	1.10
2.4mm (M)	3.5mm (M)	1.08	1.10	1.10
2.4mm (F)	3.5mm (M)	1.08	1.10	1.10
2.4mm (M)	3.5mm (F)	1.08	1.10	1.10
2.92mm (F)	2.92mm (F)	1.12	1.14	1.14
2.92mm (M)	2.92mm (M)	1.12	1.14	1.14
2.92mm (M)	2.92mm (F)	1.12	1.14	1.14
2.4mm (F)	2.92mm (F)	1.12	1.14	1.14
2.4mm (M)	2.92mm (M)	1.12	1.14	1.14
2.4mm (F)	2.92mm (M)	1.12	1.14	1.14
2.4mm (M)	2.92mm (F)	1.12	1.14	1.14
1.85mm (F)	2.92mm (F)	1.12	1.14	1.14
1.85mm (M)	2.92mm (M)	1.12	1.14	1.14
1.85mm (F)	2.92mm (M)	1.12	1.14	1.14
1.85mm (M)	2.92mm (F)	1.12	1.14	1.14
2.4mm (F)	2.4mm (F)	1.15	1.17	1.17
2.4mm (M)	2.4mm (M)	1.15	1.17	1.17
2.4mm (M)	2.4mm (F)	1.15	1.17	1.17
1.85mm (F)	1.85mm (F)	1.15	1.20	1.20
1.85mm (M)	1.85mm (M)	1.15	1.20	1.20
1.85mm (M)	1.85mm (F)	1.15	1.20	1.20

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