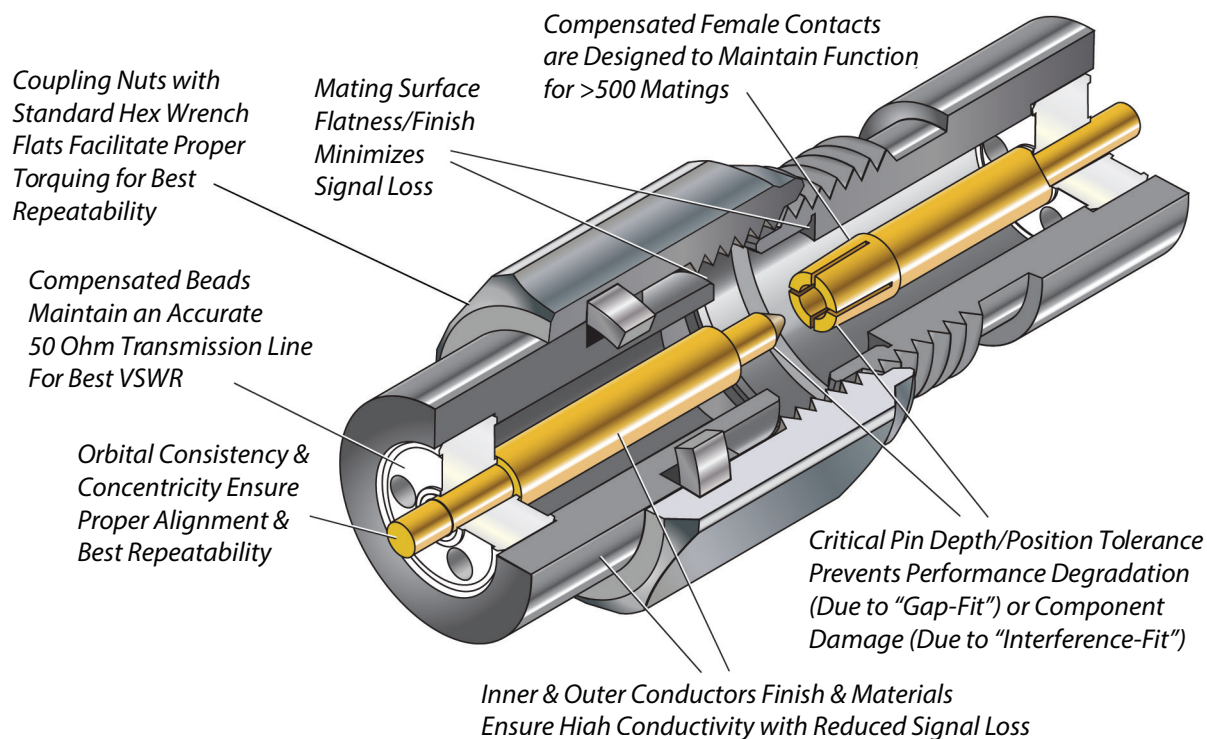


## Superior Electrical Performance in a Right-Priced Package Doesn't Just Happen.

It results from the disciplined application of the **BEST DESIGN** practices, **PRECISION CONSTRUCTION** techniques, **SKILLFUL ASSEMBLY** work, and **STRINGENT QUALITY CONTROL** — backed up by **RIGOROUS TESTING**. These fundamentals combine to give you what we call . . .

## The Test Essentials™ Advantage.



## 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 N Type, SMA, 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/adaptor color convention, ColorConnect™ Precision Adapters are the first commercially available products to offer clear indications of compatibility and intermatibility. 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.

### Test Essentials™ Lab Adapters Are Available For:

- 1.85mm
- 2.4mm
- 2.92mm
- 3.5mm
- SMA
- Type N

|        | N | SMA | 3.5mm | 2.92mm | 2.4mm | 1.85mm |
|--------|---|-----|-------|--------|-------|--------|
| N      | • | •   | •     |        |       |        |
| SMA    | • | •   | •     |        |       |        |
| 3.5mm  | • | •   | •     |        | •     |        |
| 2.92mm |   |     |       | •      | •     |        |
| 2.4mm  |   |     | •     | •      | •     |        |
| 1.85mm |   |     |       |        |       | •      |

### ColorConnect™ Precision Adapters Are Available For:

- 1.85mm
- 2.4mm
- 2.92mm
- 3.5mm
- Type N

|        | N | SMA | 3.5mm | 2.92mm | 2.4mm | 1.85mm |
|--------|---|-----|-------|--------|-------|--------|
| N      | • |     | •     |        |       |        |
| SMA    |   | •   |       |        |       |        |
| 3.5mm  | • |     | •     |        | •     |        |
| 2.92mm |   |     |       | •      | •     |        |
| 2.4mm  |   |     | •     | •      | •     |        |
| 1.85mm |   |     |       |        |       | •      |

Learn More/Shop Online at: [maurymw.com](http://maurymw.com)



**ColorConnect™ In-Series Adapters**

### ColorConnect™ Precision Adapters

| Model         | Connector 1   | Connector 2   | Frequency | VSWR |
|---------------|---------------|---------------|-----------|------|
| CC-A-SMA-FF   | SMA Female    | SMA Female    | DC – 18.0 | 1.15 |
| CC-A-SMA-MF   | SMA Male      | SMA Female    | DC – 18.0 | 1.15 |
| CC-A-SMA-MM   | SMA Male      | SMA Male      | DC – 18.0 | 1.15 |
| CC-A-N-FF     | N Female      | N Female      | DC – 18.0 | 1.15 |
| CC-A-N-MM     | N Male        | N Male        | DC – 18.0 | 1.15 |
| CC-A-N-MF     | N Male        | N Female      | DC – 18.0 | 1.15 |
| CC-A-35N-FF   | 3.5mm Female  | N Female      | DC – 18.0 | 1.14 |
| CC-A-35N-MM   | 3.5mm Male    | N Male        | DC – 18.0 | 1.14 |
| CC-A-35N-FM   | 3.5mm Female  | N Male        | DC – 18.0 | 1.14 |
| CC-A-35-MF    | 3.5mm Male    | N Female      | DC – 18.0 | 1.14 |
| CC-A-35-FF    | 3.5mm Female  | 3.5mm Female  | DC – 26.5 | 1.12 |
| CC-A-35-MM    | 3.5mm Male    | 3.5mm Male    | DC – 26.5 | 1.12 |
| CC-A-35-MF    | 3.5mm Male    | 3.5mm Female  | DC – 26.5 | 1.12 |
| CC-A-2435-FF  | 2.4mm Female  | 3.5mm Female  | DC – 26.5 | 1.10 |
| CC-A-2435-MM  | 2.4mm Male    | 3.5mm Male    | DC – 26.5 | 1.10 |
| CC-A-2435-FM  | 2.4mm Female  | 3.5mm Male    | DC – 26.5 | 1.10 |
| CC-A-2435-MF  | 2.4mm Male    | 3.5mm Fem     | DC – 26.5 | 1.10 |
| CC-A-292-FF   | 2.92mm Female | 2.92mm Female | DC – 40.0 | 1.14 |
| CC-A-292-MM   | 2.92mm Male   | 2.92mm Male   | DC – 40.0 | 1.14 |
| CC-A-292-MF   | 2.92mm Male   | 2.92mm Female | DC – 40.0 | 1.14 |
| CC-A-24292-FF | 2.4mm Female  | 2.92mm Female | DC – 40.0 | 1.14 |
| CC-A-24292-MM | 2.4mm Male    | 2.92mm Male   | DC – 40.0 | 1.14 |
| CC-A-24292-FM | 2.4mm Female  | 2.92mm Male   | DC – 40.0 | 1.14 |
| CC-A-24292-MF | 2.4mm Male    | 2.92mm Female | DC – 40.0 | 1.14 |
| CC-A-24-FF    | 2.4mm Female  | 2.4mm Female  | DC – 50.0 | 1.17 |
| CC-A-24-MM    | 2.4mm Male    | 2.4mm Male    | DC – 50.0 | 1.17 |
| CC-A-24-MF    | 2.4mm Male    | 2.4mm Female  | DC – 50.0 | 1.17 |
| CC-A-185-FF   | 1.85mm Female | 1.85mm Female | DC – 65.0 | 1.20 |
| CC-A-185-MM   | 1.85mm Male   | 1.85mm Male   | DC – 65.0 | 1.20 |
| CC-A-185-MF   | 1.85mm Male   | 1.85mm Female | DC – 65.0 | 1.20 |

**Proposed IEEE High-Frequency Connector/Adapter Color Convention Available with Maury ColorConnect™ Precision Adapters**

BROWN  
RED  
ORANGE  
YELLOW  
GREEN  
BLUE



SMA  
TYPE N  
3.5mm  
2.92mm (K)  
2.4mm  
1.85mm (V)



**Test Essentials™ In-Series Adapters**

### Test Essentials™ Lab Adapters

| Model         | Connector 1   | Connector 2   | Frequency | VSWR |
|---------------|---------------|---------------|-----------|------|
| TE-A-SMA-FF   | SMA Female    | SMA Female    | DC – 18.0 | 1.15 |
| TE-A-SMA-MM   | SMA Male      | SMA Male      | DC – 18.0 | 1.15 |
| TE-A-SMA-MF   | SMA Male      | SMA Female    | DC – 18.0 | 1.15 |
| TE-A-SMAN-FF  | SMA Female    | N Female      | DC – 18.0 | 1.15 |
| TE-A-SMAN-MM  | SMA Male      | N Male        | DC – 18.0 | 1.15 |
| TE-A-SMAN-FM  | SMA Female    | N Male        | DC – 18.0 | 1.15 |
| TE-A-SMAN-MF  | SMA Male      | N Female      | DC – 18.0 | 1.15 |
| TE-A-N-FF     | N Female      | N Female      | DC – 18.0 | 1.20 |
| TE-A-N-MM     | N Male        | N Male        | DC – 18.0 | 1.20 |
| TE-A-N-MF     | N Male        | N Female      | DC – 18.0 | 1.20 |
| TE-A-35N-FF   | 3.5mm Female  | N Female      | DC – 18.0 | 1.15 |
| TE-A-35N-MM   | 3.5mm Male    | N Male        | DC – 18.0 | 1.15 |
| TE-A-35N-FM   | 3.5mm Female  | N Male        | DC – 18.0 | 1.15 |
| TE-A-35N-MF   | 3.5mm Male    | N Female      | DC – 18.0 | 1.15 |
| TE-A-35-FF    | 3.5mm Female  | 3.5mm Female  | DC – 26.5 | 1.20 |
| TE-A-35-MM    | 3.5mm Male    | 3.5mm Male    | DC – 26.5 | 1.20 |
| TE-A-35-MF    | 3.5mm Male    | 3.5mm Female  | DC – 26.5 | 1.20 |
| TE-A-2435-FF  | 2.4mm Female  | 3.5mm Female  | DC – 26.5 | 1.15 |
| TE-A-2435-MM  | 2.4mm Male    | 3.5mm Male    | DC – 26.5 | 1.15 |
| TE-A-2435-FM  | 2.4mm Female  | 3.5mm Male    | DC – 26.5 | 1.15 |
| TE-A-2435-MF  | 2.4mm Male    | 3.5mm Female  | DC – 26.5 | 1.15 |
| TE-A-292-FF   | 2.92mm Female | 2.92mm Female | DC – 40.0 | 1.17 |
| TE-A-292-MM   | 2.92mm Male   | 2.92mm Male   | DC – 40.0 | 1.17 |
| TE-A-292-MF   | 2.92mm Male   | 2.92mm Female | DC – 40.0 | 1.17 |
| TE-A-24292-FF | 2.4mm Female  | 2.92mm Female | DC – 40.0 | 1.17 |
| TE-A-24292-MM | 2.4mm Male    | 2.92mm Male   | DC – 40.0 | 1.17 |
| TE-A-24292-FM | 2.4mm Female  | 2.92mm Male   | DC – 40.0 | 1.17 |
| TE-A-24292-MF | 2.4mm Male    | 2.92mm Female | DC – 40.0 | 1.17 |
| TE-A-24-FF    | 2.4mm Female  | 2.4mm Female  | DC – 50.0 | 1.22 |
| TE-A-24-MM    | 2.4mm Male    | 2.4mm Male    | DC – 50.0 | 1.22 |
| TE-A-24-MF    | 2.4mm Male    | 2.4mm Female  | DC – 50.0 | 1.22 |
| TE-A-185-FF   | 1.85mm Female | 1.85mm Female | DC – 65.0 | 1.30 |
| TE-A-185-MM   | 1.85mm Male   | 1.85mm Male   | DC – 65.0 | 1.30 |
| TE-A-185-MF   | 1.85mm Male   | 1.85mm Female | DC – 65.0 | 1.30 |