ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Maury Microwave 8006E21* at our website: *Click HERE*

3.5mm (QT3.5mm™) Quick Test Adapters

DATA SHEET / 2B-060



Maury Microwave

// NOVEMBER 2017

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3.5mm (QT3.5mm™) Quick Test Adapters

8006 SERIES (U.S. PATENT NO. 6,210,221)

Description

The QT3.5mm™ male connector incorporates a quick connect design that provides for a push-on/pull-off capability that mates with any commercially available 3.5mm connectors. The optional quick 1-1/2 turn twist nut combines the best of both worlds allowing quick connect or disconnect with the increased accuracy of a thread-on connector. In addition to the no nut and quick turn nut designs, a guide sleeve configuration is available to provide a self-aligning capability required in automated test stations.

The push-on connector offers excellent repeatability and long life making these adapters ideal for use in a production environment. The nut can also be torqued to 8 in. lbs making them suitable for test port applications where a calibration is required. The connectors come in four configurations: no nut, a 3/8" diameter nut, a 9/16" diameter nut, and a guide sleeve configuration.

Features

- Quick, Easy Push-On/Pull-Off Design
- Designed for Durability and Long Life (3,000 Connect/Disconnect Cycles)
- Excellent Repeatability/Low VSWR
- Guide Sleeve Design for Automated applications



8006E1
No Nut

8006E11
3/8" Nut

8006E21
9/16" Nut

8006Q1
Guide Sleeve

Repeatability*

MODE	DC — 18 GHz	18 — 26.5 GHz
Push-On	> 40 dB	> 40 dB
Torqued to 8 in. lbs	> 50 dB	> 50 dB
Hand Torqued	> 50 dB	> 50 dB

**Repeatability is based on a minimum of 3,000 connect/disconnect cycles.*

Available Models

MODEL	ADAPTS		FREQUENCY RANGE (GHz)	MAXIMUM VSWR (GHz)
	SIDE A	SIDE B		
8006E1 8006E11 8006E21 8006Q1	QT3.5mm™ (m) with no nut QT3.5mm™ (m) with 3/8" diameter nut QT3.5mm™ (m) with 9/16" diameter nut QT3.5mm™ (m) guide sleeve	3.5mm (f)	DC — 26.5[1]	DC — 16.0 ≤ 1.05 16.0 — 26.5 ≤ 1.08 26.5 — 34.0 ≤ 1.12

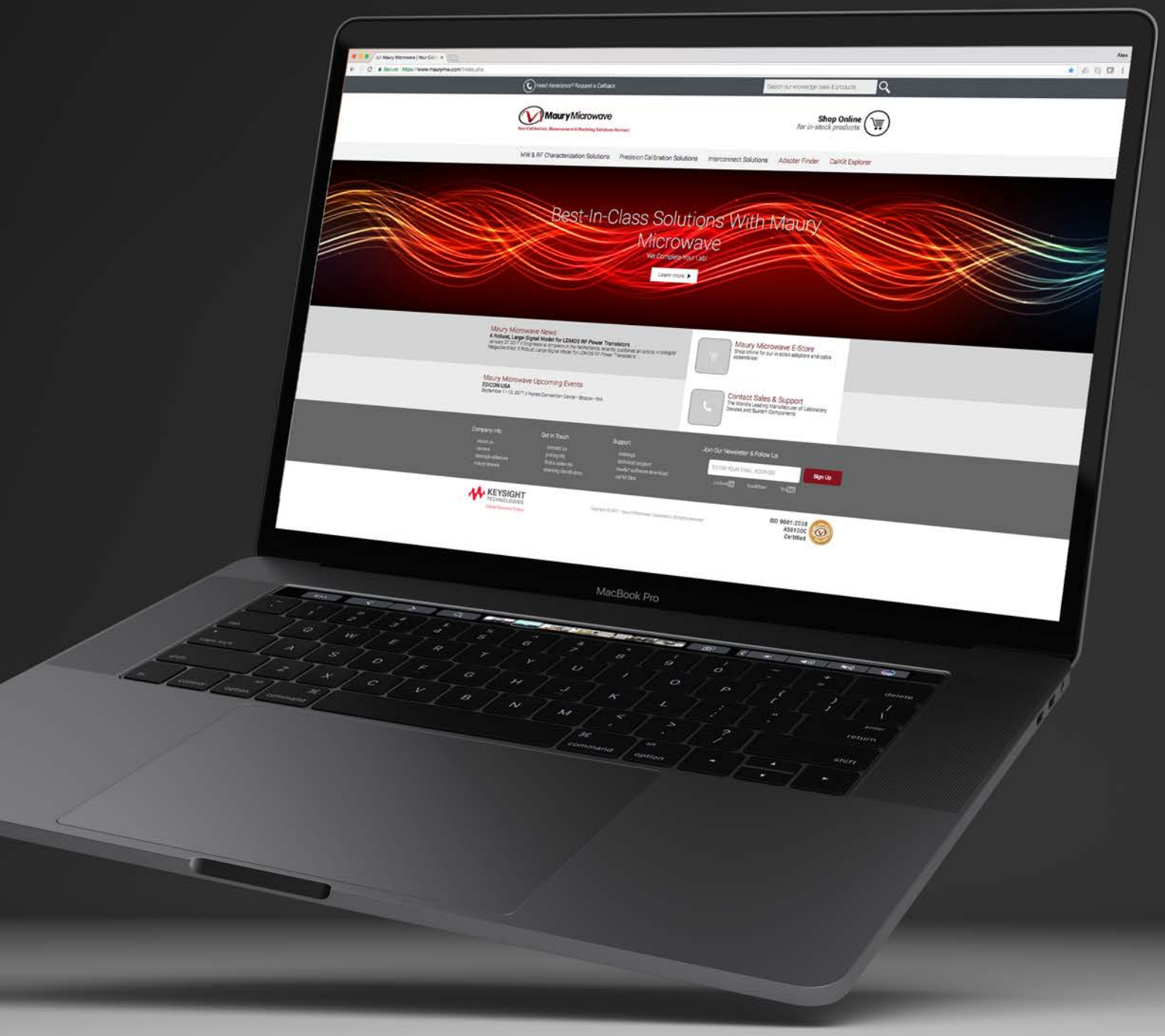
[1] *Slightly reduced VSWR specifications to 34 GHz.*

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

VISIT OUR WEB STORE

TO LEARN MORE ABOUT

OUR PRODUCTS



www.maurymw.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Maury Microwave

DATA SHEET / 2B-060

© 2017 Maury Microwave Corporation. All Rights Reserved.
Specifications are subject to change without notice.
Maury Microwave is ISO: 9001:2008/AS9100C Certified.

CONTACT US:
W / maurymw.com
E / maury@maurymw.com
P / +1-909-987-4715
F / +1-909-987-1112
2900 Inland Empire Blvd
Ontario, CA 91764



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP