OCEAN MICROWAVE

EC MICROWAVE

E-Series High-Frequency Cable

DC-67GHz

EC MICROWAVE

E-testing Series Cable

E-testing VNA

Amplitude and Phase Stability

Assemblies include NMD connector, frequency up to 67GHz.
Suitable for high reliability vector network analyzer (VNA) test.

Stable
Excellent mechanical amplitude and phase stability.

Reliable
High reliable test results.
Strong and durable for
bend, crush, squeeze and stretch

Precise
Excellent transport performance during DC-67GHz

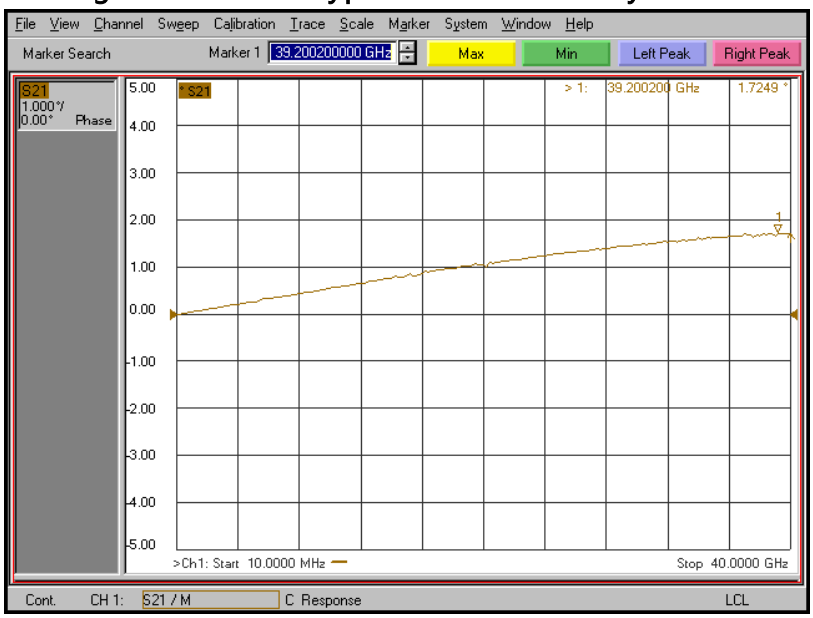
DC~
67 GHz

50mm
minimum
Bending radius

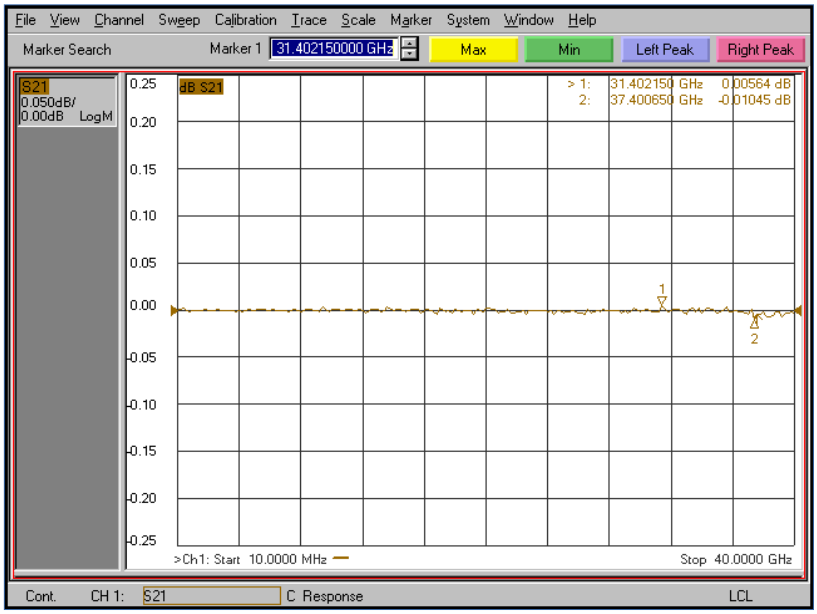
>920
kgf/cm
Anti-extrusion
ability

Small to
1.85mm
full-series-port
support

E-Testing VNA Series- Typical Phase Stability Performance



E-Testing VNA Series- Typical Amplitude Stability Performance



Selection Guide

P/N	Connector	Freq. (GHz)	VSWR	I.L. (dB)	Amplitude Stability (dB)	Phase Stability
E-testing-van-1.85-1.85-63	NMD1.85	67GHz	1.5:1 Max.	<5.8dB	<±0.05dB	<±6.5°
E-testing-van-2.4-2.4-63	NMD2.4	50GHz	1.35:1 Max.	<3.2dB	<±0.05dB	<±3.5°
		40 GHz	1.3:1 Max.	<2.8dB		<±3.0°
E-testing-van-2.92-2.92-63	NMD2.92	40GHz	1.3:1 Max.	<2.8dB	<±0.05dB	<±3.0°
E-testing-van-3.5-3.5-63	NMD3.5	26.5GHz	1.25:1 Max.	<1.8dB	<±0.05dB	<±2.5°
		18 GHz	1.2:1 Max.	<1.5dB		<±2.0°
E-testing-van-N-N-63	N	18GHz	1.2:1 Max.	<1.5dB	<±0.05dB	<±2.0°

1:Standard length 63cm.Length is customizable

2:Connector is customizable

EC MICROWAVE

E-testing ECO

Stable Economical

Amplitude and phase stability

Patented design, strict tests,
Good amplitude and phase stability,
excellent performance among the whole operating frequency

Flexible

Flexible and light structure,
smaller bending stress and radius, makes the testing more efficient

Economical

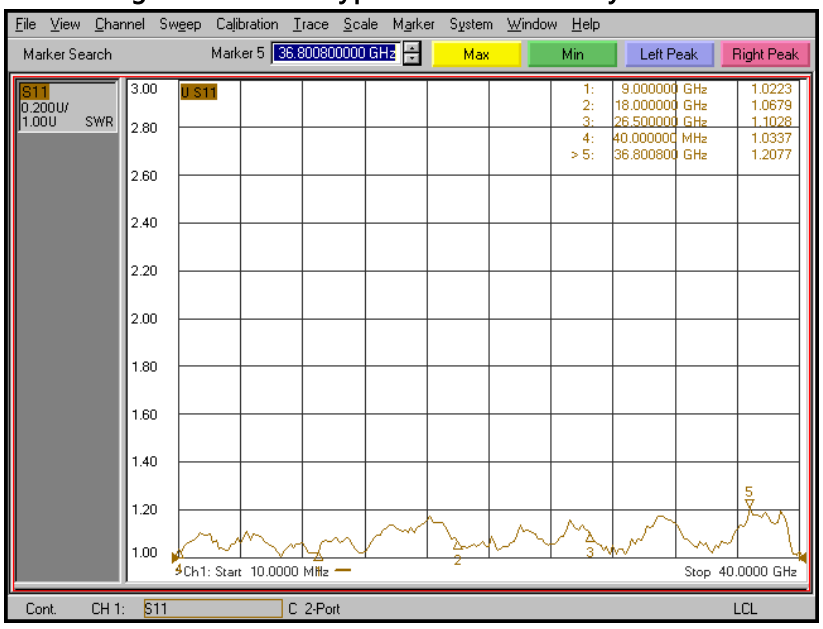
Suitable for the production applications,
High cost-performance ratio.

DC~
50GHz

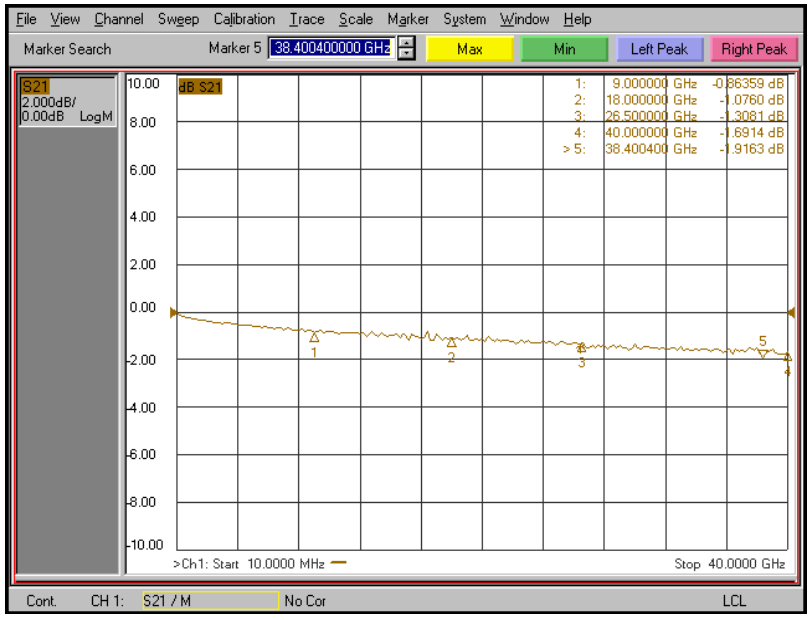
25.4mm
minimum Bending radius

small to
2.4mm
full-series-port support

E-Testing ECO Series- Typical Phase Stability Performance



E-Testing ECO Series- Typical Amplitude Stability Performance



Selection Guide

P/N	Connector	Freq (GHz)	VSWR	I.L. (dB)	Amplitude Stability (dB)	Phase Stability
E-testing-eco-2.4-2.4-63	NMD2.4	50GHz	1.35:1 Max.	<2.65dB	<±0.1dB	<±5.5°
E-testing- eco-2.92-2.92-63	NMD 2.92	40GHz	1.3:1 Max.	<1.98dB	<±0.1dB	<±4.5°
E-testing- eco-3.5-3.5-63	NMD 3.5	26.5GHz	1.2:1 Max.	<0.9dB	<±0.1dB	<±3.5°
E-testing- eco-N-N-63	N	18GHz	1.25:1 Max.	<1.1dB	<±0.1dB	<±4°

1:Standard length 63cm.Length is customizable

2:Connector is customizable

EC MICROWAVE

E-system Series Cable

E-system FLEX

Pliable and Tough ，Low Insert Loss, Low PIM

The unique small cable connectors are designed for
high performance in a very small space.

Slim Size

Suitable for high density wiring and quick-plug
between systems or instruments with low loss and critical stability requirement.

Customized support

The length and the phase matching are customizable.
Down to -170dBc low PIM cable is customizable

Consistent

The consistency of customized phase matching precision is better than
0.25°/GHz。

DC~
40GHz

25.4mm
minimum
Bending radius

small to
2.4mm
full-series-port
support

E-system Armored

Flexible

The armored series cable can endure extreme critical conditions with maximum flexibility.

Compressive

Armored series utilize physical protection constructions of monolayer armor and multilayer armor which strongly improve the lifetime of the cable.

Anticorrosive

Good anticorrosive ability of the armor makes the cable more suitable for the application under complicated environments

DC~
40GHz

25.4mm
minimum
Bending radius

small to
2.4mm
full-series-port
support

LET'S MAKE THE CHANGE

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