

Electro-Photonics LLC

ELECTRO - PHOTONICS

WAVES INTO THE FUTURE



WAVES INTO THE FUTURE

ELECTRO - PHOTONICS



Overview

Extensive Design Experience in:

- Passive components
- RF/Microwave circuits
- 3D EM analysis

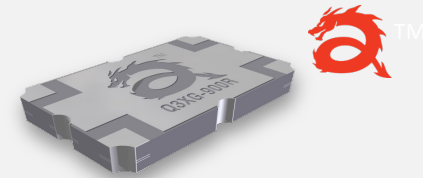
Testing and Fixturing:

- Custom RF fixtures to 20GHz
- Evaluation boards for passive components
- DC-26.5 GHz CPWG to microstrip transition/adaptor

Passive Components:

- 90° Hybrid Couplers
- Directional Couplers
- Microwave Filters
- Power dividers
- Gain Slope Equalizer
- Resistors, Terminations and Attenuators

SMT Passive Components



Hybrid Couplers:

- Tight coupling, low insertion loss, and high power. Custom designed couplers from 300 MHz to 12 GHz and power levels up to 400 W.

Directional Couplers:

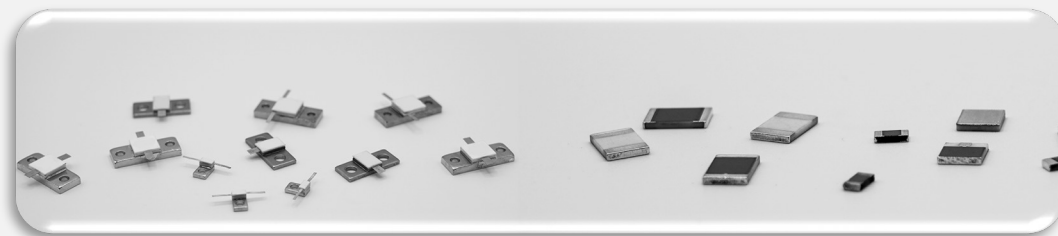
- Low insertion loss, high power capability, high directivity, flat coupling in a small package.

Connectorized Hybrid & Directional Couplers:

- Broadband high-performance couplers to 40GHz.



High Power Resistive Components



Resistors:

- Frequency: DC – 6GHz
- Power up to 1650 W

Terminations:

- Frequency: DC – 22GHz
- Power up to 1650 W

Attenuators:

- Frequency: DC – 6GHz
- Power up to 200 W

ELECTRO - PHOTONICS

WAVES INTO THE FUTURE



ELECTRO - PHOTONICS

WAVES INTO THE FUTURE



RF and Microwave Filters



- Connectorized filters from 300 MHz to 50 GHz.
- SMT dielectric Filters

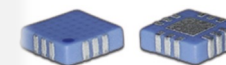




Power Dividers



- Connectorized power dividers from 100 MHz to 50 GHz and up to 500W.
- SMT power dividers to 18GHz

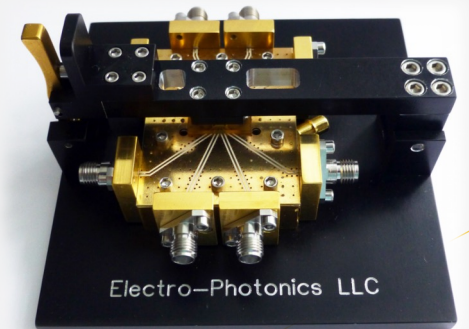




Testing and Fixturing

Custom Test Fixtures:

RF & Microwave test fixture for exceptionally accurate and repeatable measurements.



Evaluation Boards:

RF & Microwave evaluation boards for testing various passive components to 18GHz.

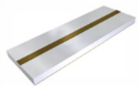


T&M Accessories

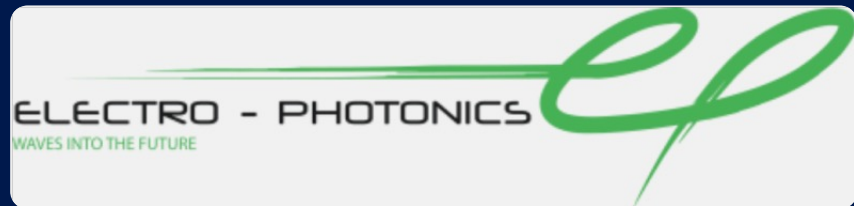


- ProbePads:

DC – 26.5GHz, CPWG to microstrip transition/adaptor for on-wafer microwave measurements, microwave integrated circuits and device characterization.



- 50 Ohm microstrip t-lines on Alumina and Quartz (SiO_2)



CONTACT US

ADDRESS

- Electro-Photonics LLC
- 2740 SW Martin Downs Blvd. #122
- Palm City, FL 34990

PHONE

- (772) 485-9679

WEBSITE

- www.electro-photonics.com



SALES

- alen@electro-photonics.com