



**Electro-Photonics LLC**

[electro-photonics.com](http://electro-photonics.com)

# Product Overview

RF & microwave passive components, design and test  
fixturing

# What We Do



Components, engineering and test — under one roof



## Passive Components

- 90° hybrid couplers
- Directional couplers
- Microwave filters
- Power dividers / combiners
- Resistors, terminations & attenuators



## Design Expertise

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



## Testing & Fixturing

- Custom RF fixtures to 20 GHz
- Evaluation boards for passive components



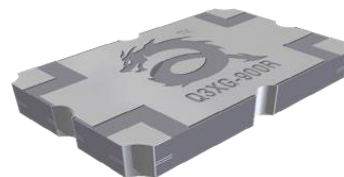
Custom designs from 300 MHz to 12 GHz, handling up to 400 W, with tight coupling and low insertion loss.



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



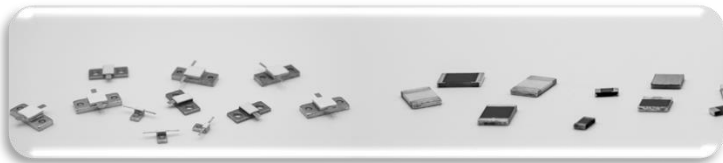
Broadband, high-performance hybrid and directional couplers up to 40 GHz.



# High-Power Resistive Components



Resistors, terminations and attenuators up to 1650 W



## Resistors

**1650 W**

max power DC – 6 GHz

## Terminations

**1650 W**

max power DC – 22 GHz

## Attenuators

**200 W**

max power DC – 6 GHz

# RF & Microwave Filters

Connectorized and surface-mount



## 300 MHz – 50 GHz

Connectorized filters



# Power Dividers / Combiners



Broadband, high-power, connectorized or SMT



**100 MHz – 50 GHz**

Connectorized power dividers

**500 W**

Maximum power handling

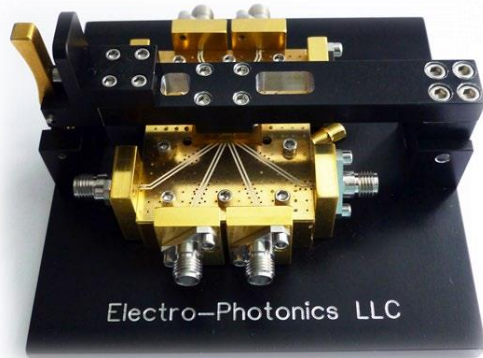
**18 GHz**

SMT power dividers

# Test Fixtures & Evaluation Boards



Accurate, repeatable measurement of passive components



## Custom test fixtures

RF & microwave fixtures to 20 GHz for exceptionally accurate and repeatable measurements.



## Evaluation boards

RF & microwave evaluation boards for testing a wide range of passive components to 18 GHz.



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