

# FCT0610

## DC~6GHz, 10W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency Range:	DC~6GHz
Average Power <sup>*1</sup> :	10W
VSWR:	1.2 max.
Peak Power:	0.5KW (5μS pulse width, 2% duty cycle)
Impedance:	50Ω

[1] Derated linearly to 1W@125°C.

### Mechanical

Size:	Φ16.5*39mm Φ0.65*1.535in
Weight:	10g
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper
RF Connectors:	QSMA Male

### Environmental

Temperature: -55~+125°C

### How To Order

#### FCT0610-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

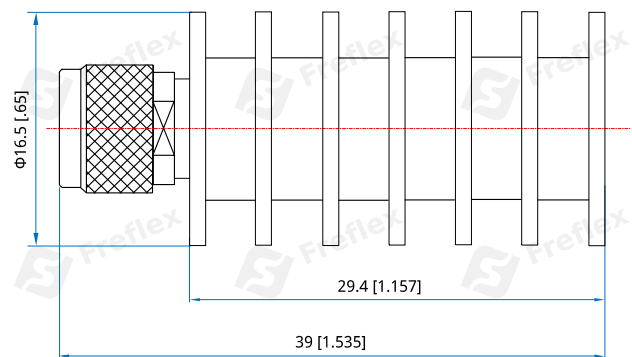
Q1 - QSMA Male

Examples:

To order an termination, DC-6GHz, QSMA male, specify FCT0610-6-Q1.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±5%