

# FCT4010

## DC~40GHz, 10W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching

### Electrical

Frequency Range:	DC~40GHz
Average Power <sup>*1</sup> :	10W@25°C max.
VSWR:	1.25 max.
Impedance:	50Ω
Peak Power:	100W (5μS pulse width, 5% duty cycle)

[1] Derated linearly to 1W@125°C.

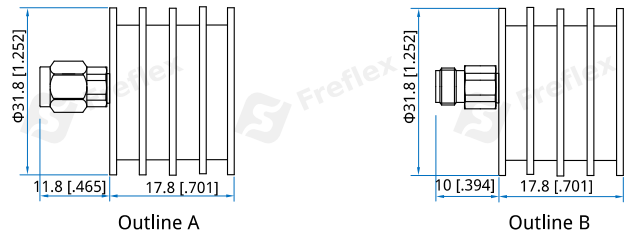
### Mechanical

Connector:	2.92mm
Housing:	Aluminum
Dielectric:	PEI
Outer Conductor:	Stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

### Environmental

Temperature:	-55~+125°C
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### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

### How To Order

#### FCT4010-X-Y

X: Frequency in GHz  
 Y: Connector type

Connector naming rules:  
 K - 2.92mm male (Outline A)  
 KF - 2.92mm female (Outline B)

#### Examples:

To order a termination, DC~40GHz, 2.92 male, specify FCT4010-40-K.

Customization is available upon request.