

FCT4050

DC~40GHz, 50W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~40GHz
Average Power ^{*1} :	50W@25°C max.
VSWR:	1.35 max.
Impedance:	50Ω
Peak Power:	200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 5W@125°C.

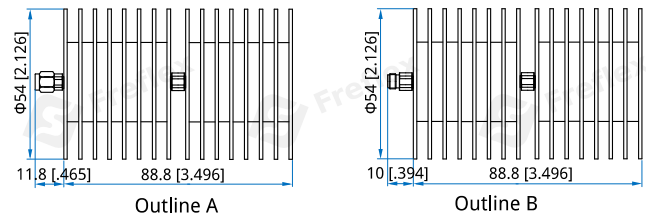
Mechanical

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

FCT4050-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 FCT4050-40-K.

Customization is available upon request.