

FCT40K1

DC~40GHz, 100W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~40GHz
Average Power ^{*1} :	100W@25°C max.
VSWR:	1.4 max.
Impedance:	50Ω
Peak Power:	200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 10W@125°C.

Mechanical

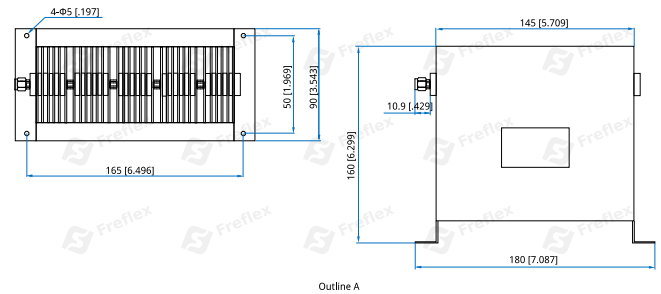
RF Connectors:	2.92mm
Connector Housing:	Passivated stainless steel
Heat Sinks Housing:	Aluminum black anodize
Dielectric:	PEI
Male Inner Conductor:	Gold plated brass

[1] Exclude connectors.

Environmental

Temperature:	-55~+125°C
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Outline Drawings



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

How To Order

FCT40K1-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

K - 2.92mm male (Outline A)

KF - 2.92mm female

Examples:

To order a termination, DC~40GHz, 2.92 male, specify FCT40K1-40-K.

Customization is available upon request.