

FCT033K

DC~3GHz, 3000W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~3GHz
 Average Power*¹: 3000W@25°C
 Peak Power: 10KW (5μS pulse width, 10% duty cycle)
 Impedance: 50Ω

[1] Derated linearly to 300W@125°C.

Frequency (GHz)	VSWR (max.)	Connectors
DC~1	1.2	IF40, 7/16 DIN
DC~2	1.25	7/16 DIN
DC~3	1.4	7/16 DIN

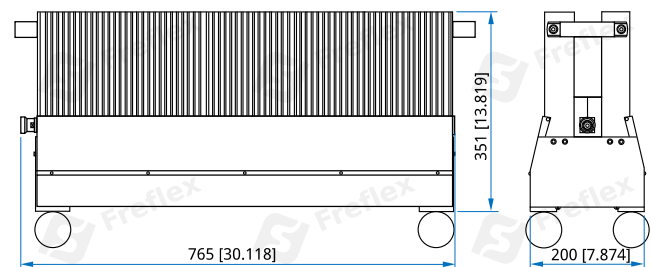
Mechanical

Size: 765*351*200mm
 30.118*13.819*7.874in
 Weight: 37Kg
 Connector: 7/16 DIN, IF40
 Housing: Aluminum
 Outer Conductor: Nickel plated brass
 Male Inner Conductor: Silver plated brass
 Female Inner Conductor: Silver plated Tin bronze
 Cooling: Forced Air

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±3%

How To Order

FCT033K-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

7F - 7/16 DIN female

7 - 7/16 DIN male

A9 - IF40

Examples:

To order a termination, DC-1GHz, 7/16 DIN male, specify

FCT033K-1-7

Customization is available upon request.