

FCT04K8

DC~4GHz, 800W

Features:
 * Low VSWR
 * Broadband

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency Range:	DC~4GHz
Average Power*1:	800W
Impedance:	50Ω
Peak Power:	10KW (5μS pulse width, 8% duty cycle)

[1] Derated linearly to 100W@125°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~1	1.2
DC~2	1.3
DC~3	1.35
DC~4	1.5

Mechanical

Size:	485*142*260mm 19.094*5.551*10.236in
Weight:	17.5Kg
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper
Coating:	Gray paint
Cooling:	Air cooling

How To Order

FCT04K8-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

NF - N Female

N - N Male

7F - 7/16 DIN Female

7 - 7/16 DIN Male

Examples:

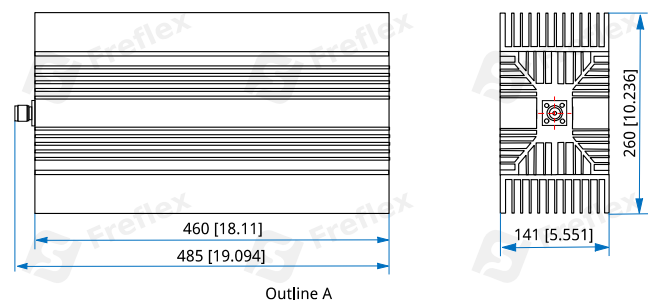
To order an termination, DC~4GHz, 7/16 DIN female, specify FCT04K8-4-7F.

Customization is available upon request.

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±3%