

FCT5002

DC~50GHz, 2W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~50GHz
Average Power ^{*1} :	2W
Impedance:	50Ω
VSWR:	1.2 max. (DC~40GHz) 1.25 max. (DC~50GHz)

[1] Derated linearly to 0.1W@120°C.

Mechanical

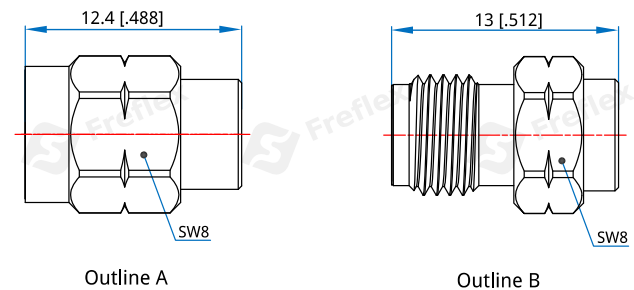
Length ^{*2} :	12.4mm 0.488in
Length ^{*3} :	13mm 0.512in
Connectors:	2.4mm
Outer Conductor:	Passivated stainless steel
Inner Conductor:	Gold plated beryllium copper
Dielectric:	PEI

[2] 2.4mm male.
 [3] 2.4mm female.

Environmental

Temperature:	-55~+125°C
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Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

How To Order

FCT5002-X-Y

X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 2 - 2.4mm male (Outline A)
 2F - 2.4mm female (Outline B)

Examples:
 To order a termination, DC-50GHz, 2.4mm male, specify FCT5002-50-2.

Customization is available upon request.