

FDDL-8200-12500

8.2~12.5GHz

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency ^{*1} :	8.2~12.5GHz
Coupling:	50±1dB
VSWR (Mainline):	1.1 max.
VSWR (Coupling):	1.2 max.
Directivity:	25dB min.
Power Handling:	0.33MW

[1] Bandwidth is 20% of full band.

Mechanical

Interface:	WR-90 (BJ100)
Flange:	FBP100
Material:	Aluminium
Finish:	Conductive oxidation
Coating:	Sea gray

How To Order

FDDL-U-V-W-X-Y-Z

U: Start Frequency in GHz
V: End Frequency in GHz
W: Coupling: (50 - Outline A)
X: Coupling Connector type
Y: Material
Z: Flange type

Connector naming rules:

S - SMA female (Outline A)

Material naming rules:

A - Aluminium (Outline A)

Flange naming rules:

1 - FBP (Outline A)

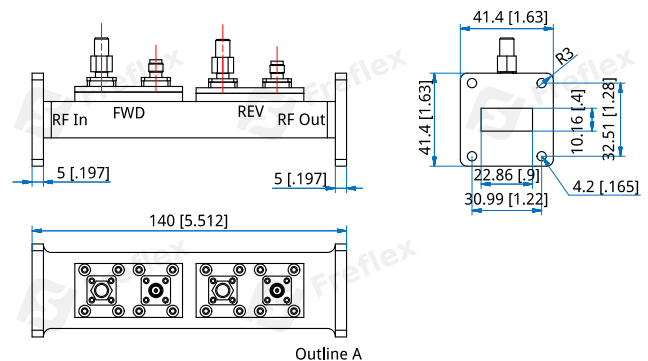
Examples:

To order a Dual Directional Loop Coupler, 9~9.86GHz, 50dB, SMA female, Aluminium, FBP100, specify FDDL-9000-9860-50-S-A-1.

Environmental

Operating Temperature: -40~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Customization is available upon request.