

## FDDL-6570-9990

6.57~9.99GHz

### Features:

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

### Applications:

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

### Electrical

|                  |              |
|------------------|--------------|
| Frequency:       | 6.57~9.99GHz |
| Coupling:        | 50±1dB       |
| VSWR(Mainline):  | 1.1max.      |
| VSWR (Coupling): | 1.3max.      |
| Directivity:     | 20dB min.    |
| Power Handling:  | 0.52MW       |

### Mechanical

|            |                      |
|------------|----------------------|
| Interface: | WR-112 (BJ84)        |
| Flange:    | FBP84, FBE84         |
| Material:  | Copper               |
| Finish:    | Pickling passivation |
| Coating:   | Black paint          |

### How To Order

**FDDL-6570-9990-W-X-Y-Z**

W: Coupling:

50dB - Outline A

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

S - SMA female (Outline A)

Material naming rules:

C - Copper (Outline A)

Flange naming rules:

1-14 - FBP&FBE (Outline A)

Examples:

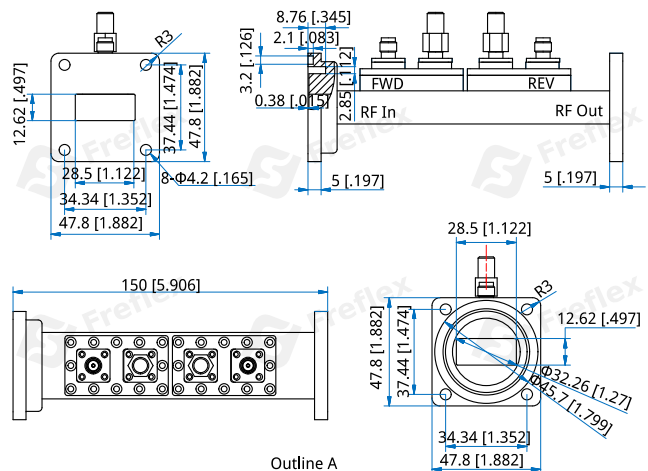
To order a Dual Directional Loop Coupler, 6.57~9.99GHz, 50dB, SMA female, Copper, FBP84-FBE84, specify FDDL-6570-9990-50-S-C-1-14.

Customization is available upon request.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]