

FSDCC-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
 Power Handling: 0.52MW

Coupling (dB)	VSWR (Mainline) (max.)	VSWR (Coupling) (max.)	Directivity (dB min.)	Outline Drawings
40, 50±0.7	1.05	1.1	18	Outline A
50±0.75	1.1	1.25	20	Outline B
50±1.5	1.1	1.25	18	Outline C
55±1	1.1	1.3	23	Outline C

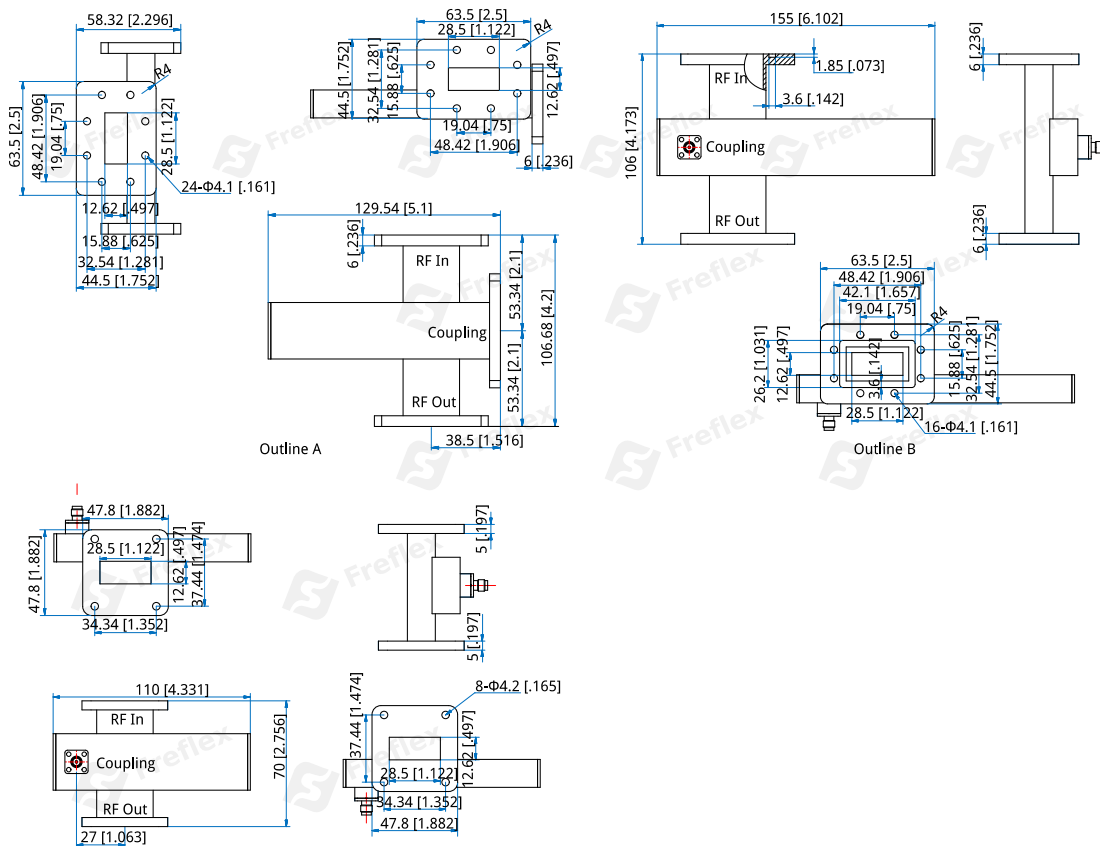
Mechanical

Interface: WR-112 (BJ84)
 Flange: FDP84/FDM84/FBP84
 Material: Aluminium
 Finish: Conductive oxidation
 Coating: Black paint (Outline A)
 Sea gray (Outline B, C)

Environmental

Operating Temperature: -40~+125°C

Outline Drawing



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



How To Order

FSDCC-6570-9990-W-X-Y-Z

W: Coupling:

40, 50±0.7dB - Outline A

50±0.75dB - Outline B

50±1.5dB - Outline C

55±1dB - Outline C

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

112 - WR-112 (Outline A)

S - SMA female (Outline B, C)

Single Directional Crossguide Couplers

Material naming rules:

A - Aluminium (Outline A, B, C)

Flange naming rules:

1 - FBP (Outline C)

2 - FDP (Outline A)

4 - FDM (Outline B)

Examples:

To order a Single Directional Crossguide Coupler, 6.57~9.99GHz, 50dB, SMA female, Aluminium, FDM84, specify FSDCC-6570-9990-50-S-A-4.

Customization is available upon request.