

FWCA-51-3

WR-51 to 3.5mm

Features:

- * Low VSWR

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	14.5~22GHz
VSWR:	1.2 max.
Insertion loss:	0.3dB max.
Average Power:	22W

Mechanical

Coax Connectors:	3.5mm
Waveguide Size:	WR-51 (BJ180)
Flange:	FBP180
Material:	Copper

Environmental

Operating Temperature:	-40~+85°C
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How To Order

FWCA-51-X-Y-Z

X : Connector type.

Y : Configuration type.

Z : Flange type if applicable.

Connector naming rules:

- 3 - 3.5mm Male (Outline A)
- 3F - 3.5mm Female (Outline A)

Configuration naming rules:

- E - End launch
- R - Right angle (Outline A)

Flange naming rules:

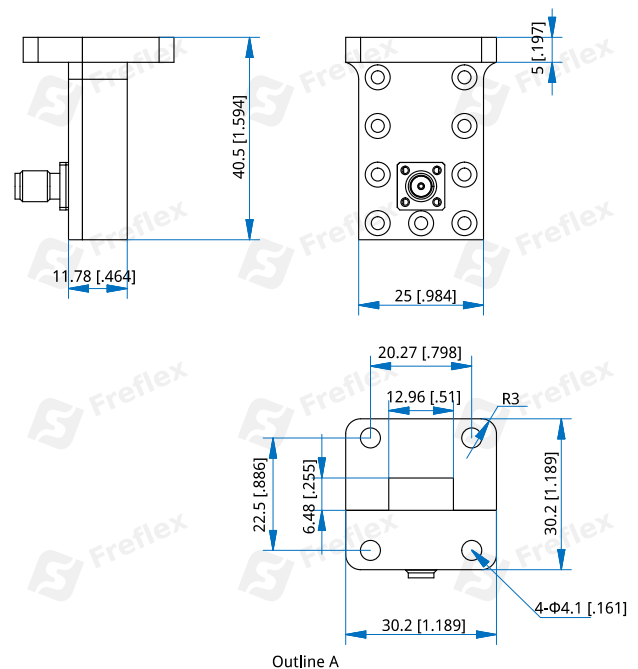
- 1 - FBP (Outline A)
- 2 - FDP
- 3 - FBM
- 4 - FDM

Examples:

To order a waveguide to coax adapter, WR-51 to 3.5mm female, right angle, FBP, specify FWCA-51-3F-R-1.

Customization is available upon request.

Outline Drawings



Outline A

Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]