

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Dai	2022/5/17	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	14.5-22GHz
Average Power	200W(CW)
VSWR	≤1.3
Insertion Loss	≤0.3dB

► Mechanical Data

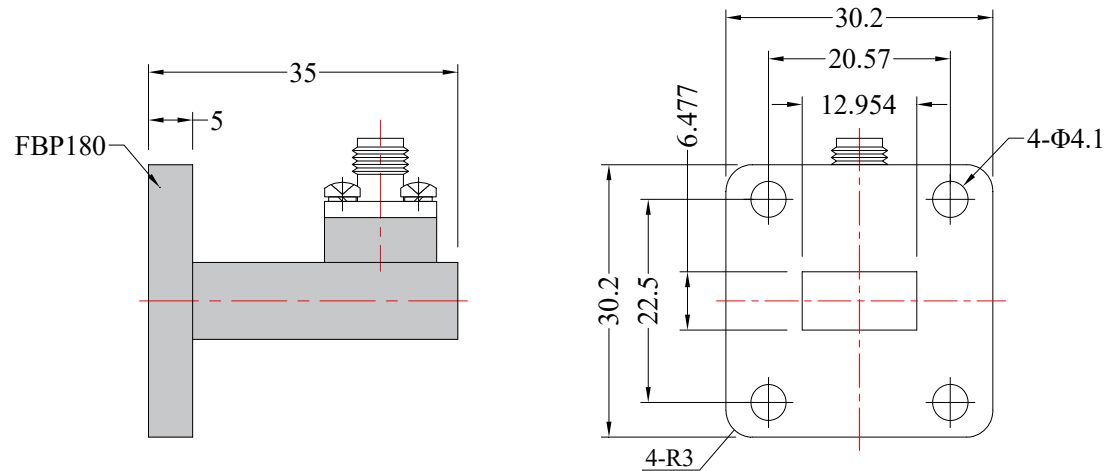
Waveguide Type	WR-51(BJ180)
Flange Type	FBP180
RF Connector	SMA-Female

► Materials Data

Material	Copper
Plating	Silver Plated
Surface Finish	Black/Gray Painted

► Environmental Data

Temperature	-55℃~+125℃
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Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 17/05/22		
ENGINEER: J. Zhu 17/05/22		
APPROVED: C. Chen 17/05/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Waveguide to Coaxial
Adapter, WR-51 to SMA-
Female, 14.5-22GHz,
FBP180, Right Angle

PART No.:

R-WR51-SFWT



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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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