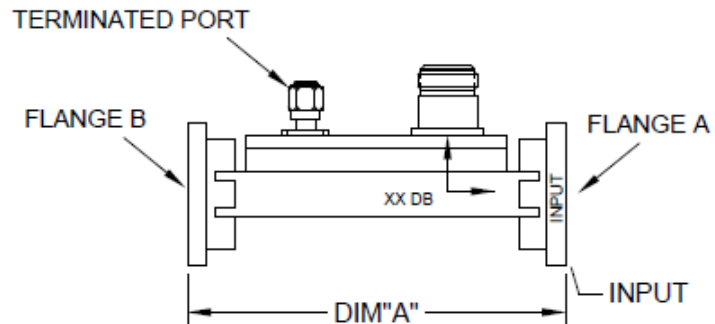


## Loop Coupler Specifications

- Excellent for LNA Loop Back Testing
- Maintains excellent performance at 50 MHz between coaxial ports for calibration
- Operating Frequency 1.70 – 26.50 GHz
- 15% Bandwidth or more (specify when ordering)
- Waveguide is Standard Material Aluminum (6061)
- VSWR Waveguide Port 1.05:1 MAX / Coax Port 1.5:1 MAX
- Coupling 35, 40, 50, or 60 dB
- Directivity is 15 dB min.
- Pressurization 5 PSIG
- Finish: High Temperature Flat Black\*
- RoHS Compliant
- 



### Waveguide Flanges:

1. Cover
2. Choke
3. CPRF
4. CPRG
5. CMR
6. Cover Grooved
7. CAR
8. PAR
9. UAR
10. CBR
11. PBR
12. UBR
13. UDR
14. RDR
15. PDR

P/N	WR SIZE	FREQ. (GHz)	Dim "A" (In)
2696-	42	18.00 - 26.50	3.0
3118-	62	12.40 - 18.00	3.0
2202-	75	10.00 - 15.00	3.0
3070-	90	8.20 - 12.40	4.0
2262-	112	7.05 - 10.00	4.0
2209-	137	5.85 - 8.20	4.0
2288-	159	4.90 - 7.05	4.0
3320-	187	3.95 - 5.85	4.0
2222-	229	3.30 - 4.90	6.0
2228-	430	1.70 - 2.60	6.0

Special Flange List as: FSXX

### Connectors:

- N = Type N Female
- S = SMA Female
- K = K Connector (2.92mm)
- 2.4 = 2.4mm Connector
- X = Special

Part Number Example: 2202-50FNS-1-6

P/N	Coupling Value	F-Forward R-Reverse	Conn. Coupled Port	Conn. Termed Port	Flange "A"	Flange "B"
2202-	50	F	N	S	1	6

\*Other finishes available upon request  
Data Sheet Loop Coupler r1