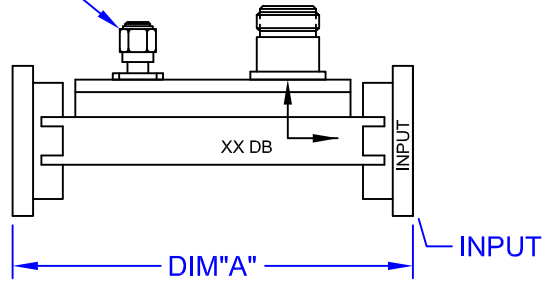
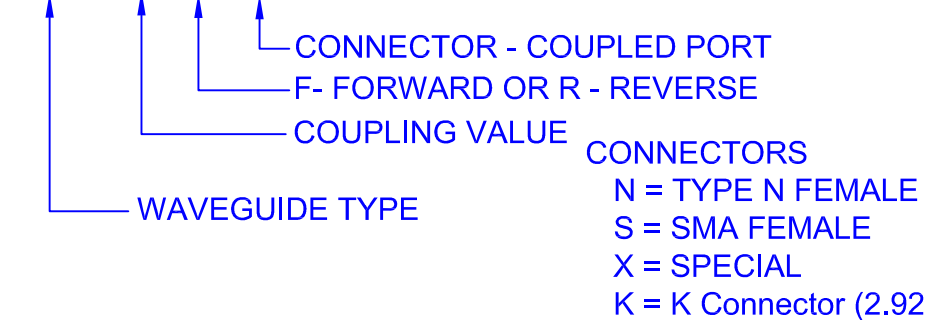


TERMINATED PORT



PART NUMBER
EXAMPLE

2202- 50 F N S



FEATURES

- EXCELLENT COUPLER FOR RF MONITORING AND SIGNAL INJECTION.
- COMPACT, LIGHTWEIGHT AND STURDY.
- MAINTAINS GOOD PERFORMANCE AT 50 MHZ FOR SYSTEM CALIBRATION.
- TERMINATION MAY BE REMOVED FROM TERMINATED PORT FOR CALIBRATION.
- 10 FREQUENCY POINT CALIBRATION DECAL SUPPLIED ON UNIT.
- ADDITIONAL FLANGE AND CONNECTOR CONFIGURATIONS UPON REQUEST.

ELECTRICAL SPECIFICATIONS:

- FREQUENCY - ANY 15% BANDWIDTH, FREQUENCY RANGE PER TABLE #1
SPECIFY FREQUENCY WHEN ORDERING.
- INSERTION LOSS - LESS THAN 0.10 DB.
- VSWR - WAVEGUIDE PORTS 1.05:1 MAX.
COAX. PORTS - 1.5:1
1.3:1 @ 50 MHZ
- COUPLING - 35,40,50 OR 60 DB
- COUPLING FLATNESS - +/- 1.0 DB MAX.
- COUPLER DIRECTIVITY - 15 DB MIN.

MECHANICAL SPECIFICATIONS:

- MATERIAL - 6061 T6 ALUMINUM
- FINISH - YELLOW CHROMATE PER MIL-C-5541 CLASS 3.
PAINT HIGH TEMPERATURE FLAT BLACK
- PRESSURE - 5 PSIG
- DIMENSIONS - INCHES
TOL. ± 0.020
- TEMPERATURE RANGE - -45 TO +85 DEGREES CELSIUS

P/N	WR	FREQUENCY	FLANGES	DIM"A"
2696-XXXX	WR 42	18.50- 20.20 GHZ	FLAT	3.0
3118-XXXX	WR 62	12.4- 18.0 GHZ	FLAT	3.0
2202-XXXX	WR 75	10.0- 15.0 GHZ	SQUARE FLAT/O-RING	3.0
3070-XXXX	WR-90	8.2 - 12.4 GHz	SQUARE FLAT/O-RING	4.0
2262-XXXX	WR 112	7.25 - 8.4 GHZ	SQUARE FLAT/O-RING	4.0
2209-XXXX	WR 137	5.85-8.2 GHZ	CPRG	4.0
2288-XXXX	WR 159	4.90-7.05 GHZ	CPRG	4.0
2222-XXXX	WR 229	3.3-4.9 GHZ	CPRG	6.0
2228-XXXX	WR 430	1.7-2.6 GHZ	CPRG	6.0

Microwave Components and Systems
583 Berlin Road Marlboro MA

LOOP COUPLER

Part Number	REV
SEE TABLE 1	B
FILE: LOOP1	SHEET: 1 OF 1