

# COUPLER N 800-2500 MHZ N-F'S

SMC4030

## SPECIFICATIONS

### ELECTRICAL

FREQUENCY: 800-2500 MHZ  
 DIRECTIVITY: 18 DB  
 POWER: 100 W AVG  
 IMPEDANCE: 50 OHMS  
 VSWR: 1.3:1  
 DISSIPATIVE LOSS: 0.4-0.5 DB (MAIN)  
 COUPLING:  
 6 DB:  $6 \pm 0.8$  DB  
 8.5 DB:  $8.5 \pm 0.8$  DB  
 10 DB:  $10 \pm 1.0$  DB  
 15 DB:  $15 \pm 1.0$  DB  
 20 DB:  $20 \pm 1.0$  DB  
 30 DB:  $30 \pm 1.0$  DB

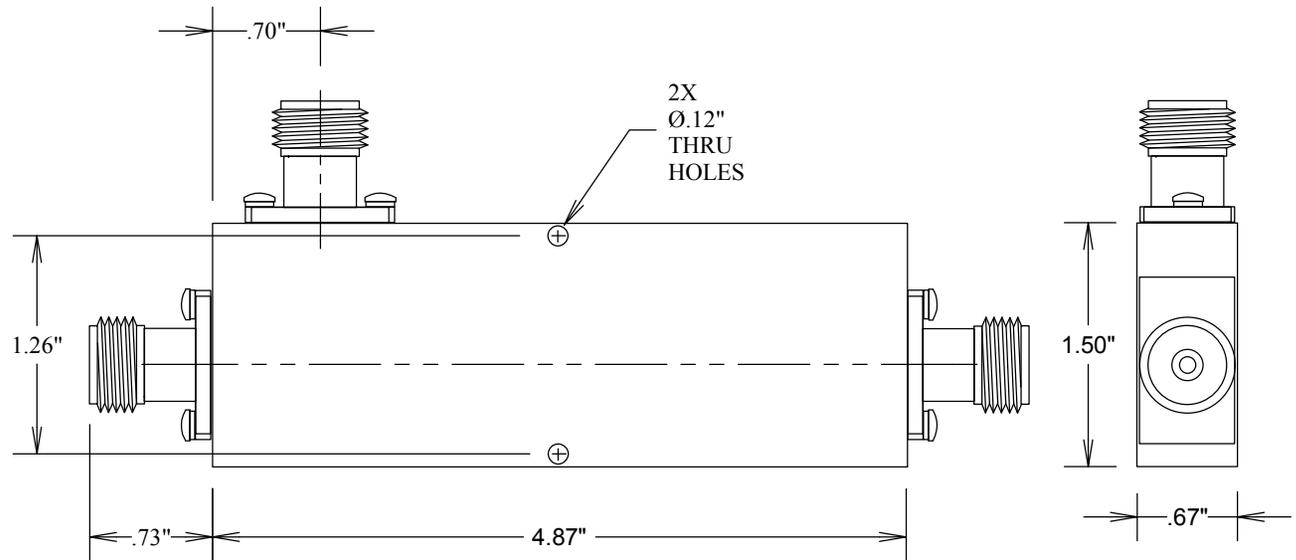
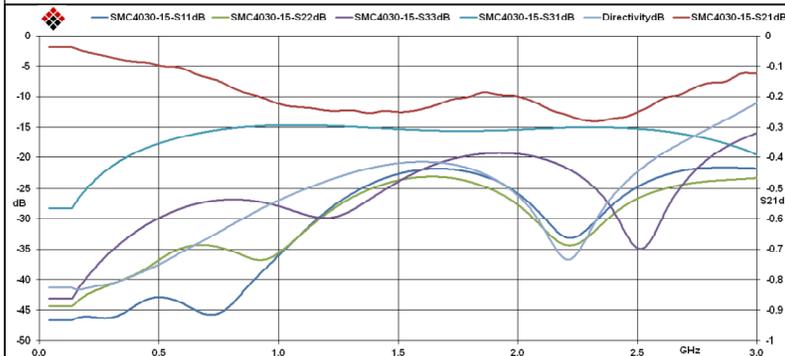
### MECHANICAL

MATERIALS BODY: PASSIVATED ALUMINUM  
 CONNECTORS: TRIMETAL PLATED BRASS  
 CONTACTS: Au PLATED BeCu PER MIL-G-45204  
 DIELECTRIC: TEFLON

OPERATING TEMP: -25°C TO +55°C, INDOOR

NOTE: POWER MAY BE LIMITED BY FEEDING INTO POORLY MATCHED LOADS OVERLOADING

MEASUREMENTS BELOW ARE TYPICAL INTERNAL 2W TERMINATION



**FAIRVIEW MICROWAVE INC.**

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE

**COUPLER N 800-2500 MHZ N-F'S**

SIZE <b>A</b>	CAGE CODE 3FKR5	DWG NO <b>SMC4030</b>	REV A
SCALE		SHEET	

ALL DIMENSIONS IN inches(mm) Typical