

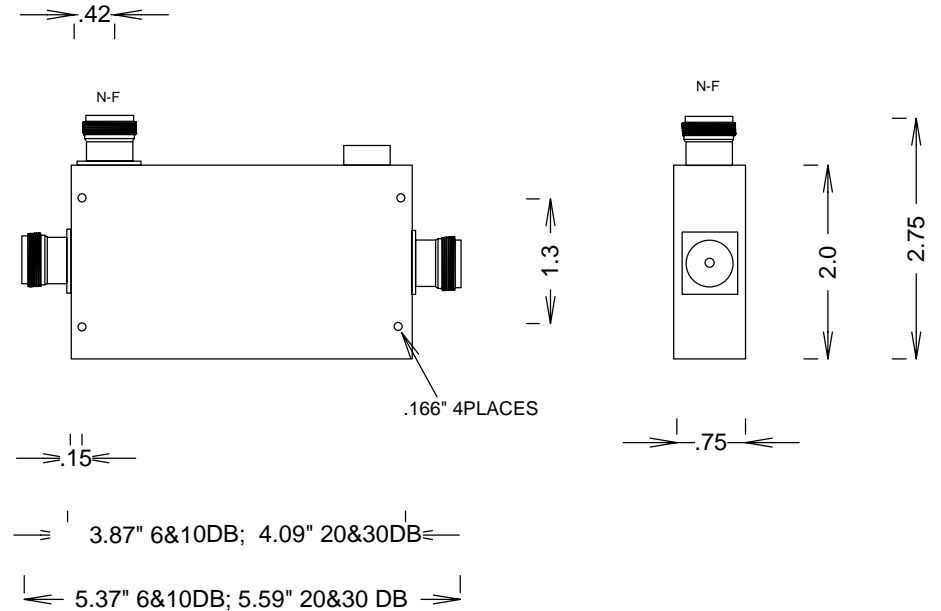
# SPECIFICATIONS

## ELECTRICAL

FREQUENCY: 806-960 & 1710-2200 MHZ  
 PIM: <140 dBc, 2 tones +43 dBm  
 DIRECTIVITY: 25 DB MIN TO 1990, 23 ABOVE 1990  
 POWER: 200W AVG  
 IMPEDANCE: 50 OHMS  
 VSWR: 1.25:1 MAX , ALL PORTS  
 FLATNESS: 6DB +/- .8DB; 10-30DB, +/-1DB  
 LOSS, THRU LINE: .1DB (EXCLUDES COUPLED LOSS)  
 6DB: TOTAL LOSS 1.4DB; 3:1 SPLIT, 4.75DB OUTPUT RATIO  
 10DB: TOTAL LOSS 0.6DB; 9:1 SPLIT, 9.55DB OUTPUT RATIO  
 15DB: TOTAL LOSS 0.3DB; 30:1 SPLIT, 14.7DB OUTPUT RATIO  
 20DB: TOTAL LOSS 0..2DB; 100:1 SPLIT, 19.9DB OUTPUT RATIO  
 30DB: TOTAL LOSS 0..2DB; 1000:1 SPLIT, 30DB OUTPUT RATIO  
 TERMINATION, INTERNAL: 2 WATTS

## MECHANICAL

PLATING: IRIDITE/SILVER PLATED  
 CONNECTORS: N-FEMALE, SILVER PLATING  
 CONSTRUCTION: AIRLINE  
 TEMP: -35DEG C TO +75 DEG C



DBd Communications Line Card	<b>S. M. ELECTRONICS</b>		
	FAIRVIEW, TX WWW.SMELECTRONICS.US		
TITLE			
<b>COUPLER N 860-960 &amp; 1710-2200 MHZ N-F'S</b>			
SIZE	CAGE CODE	DWG NO	REV
<b>A</b>		<b>MC4020</b>	<b>A</b>
SCALE		SHEET	