

## Bridges

### 2.0-18.0 GHz

# HIGH DIRECTIVITY MICROWAVE BRIDGE

- Broadband Frequency Coverage in a Single Unit from 2 to 18 GHz
- High Directivity - 35 dB Min.



## SPECIFICATIONS

FREQUENCY RANGE (GHz)	MODEL	DIRECTIVITY (dB Min)	ACCURACY (Where $\rho$ is the reflection coefficient being measured)		VSWR INPUT PORT	VSWR TEST PORT		VSWR DETECTOR Port	POWER RATING Watts	INPUT PORT	CONNECTORS DETECTOR PORT	TEST PORT
			2.0-8.0 GHz	8.0-18.0 GHz		2-8 GHz	8-18 GHz					
2-18	5282	33	$0.027+0.07\rho^2$	$0.027+0.11\rho^2$	1.45	1.15	1.25	1.45	0.5	Type N (Female)	7mm (Type N as Option)	7mm

Model 5282 consists of the following components:  
 Model 5082 - Precision SWR Bridge and Stand  
 Model 5066 - 7mm to type N male adapter  
 Model 5067 - 7mm to type N female adapter  
 Model 5231 - 7mm short  
 Carrying case

Available Options:

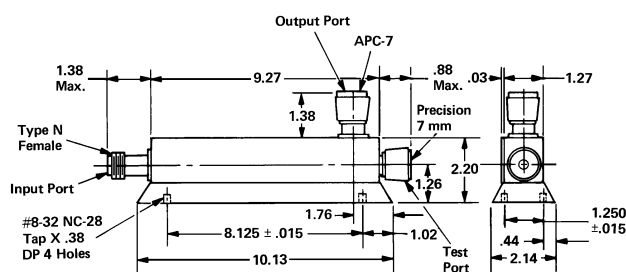
5282-01

Option 01 Model 5068 - 7mm to SMA Stainless Steel Male Adapter  
 Model 5069 - 7mm to SMA Stainless Steel Female Adapter  
 Model 5379 - Precision 7mm Termination

5282-02

Option 02 Model 5064 - 7mm to TNC Stainless Steel Male Adapter  
 Model 5065 - 7mm to TNC Stainless Steel Female Adapter

## OUTLINE DRAWINGS



All dimensions are Max. unless otherwise specified.