

**TMDC-02000800-30NS500 2-8 GHz, 30dB Coup, 500W, N(m-f) & SMA(f)**

**FEATURES**

- ❖ Wide Band Operation 2-8 GHz
- ❖ Power Handle Capability up to 500W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

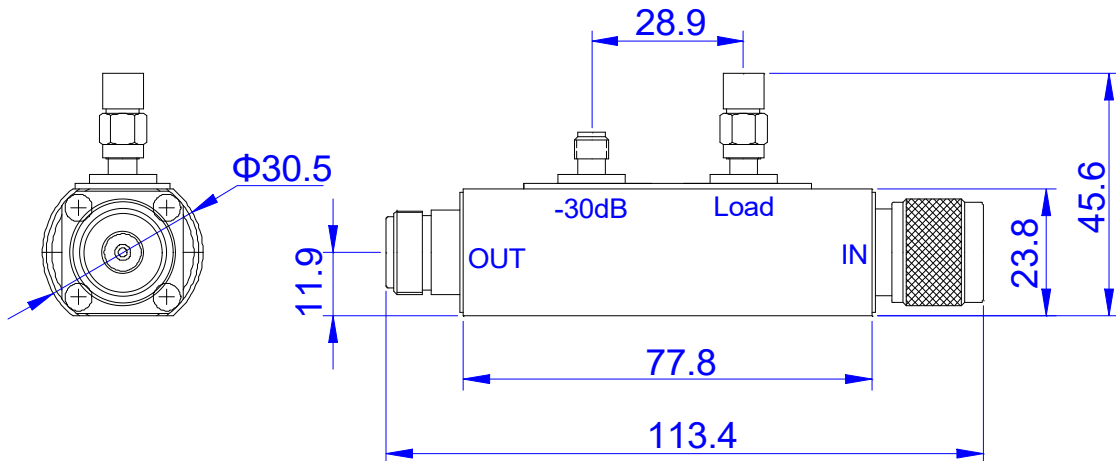
**APPLICATIONS**

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

**SPECIFICATIONS**

Parameters	Min.	Typ.	Max.	Units
Frequency Range	2	-	8	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	28.8	30	31.2	dB
Directivity	18	-	-	dB
Insertion Loss	-	-	0.3	dB
VSWR Primary	-	-	1.25	:1
Average Power	-	-	500	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+100	°C
Input/Output Connectors	N-Male/N-Female			
Coupling Connector	N-Female			
Connector Body	Nickel Plated Brass			
Weight	250g max			
Dimensions	113.4×Φ30.5×45.6mm			
Material	Aluminum			

**Outline Drawing[mm]**



Tolerances ±0.5