

**TMDC-00701800-40NS400 0.7-18 GHz, 40dB, 400W, N & SMA**

**FEATURES**

- ❖ Wide Band Operation 0.7-18 GHz
- ❖ Power Handle Capability up to 400W
- ❖ 40 dB Typical Coupling
- ❖ Low Insertion Loss

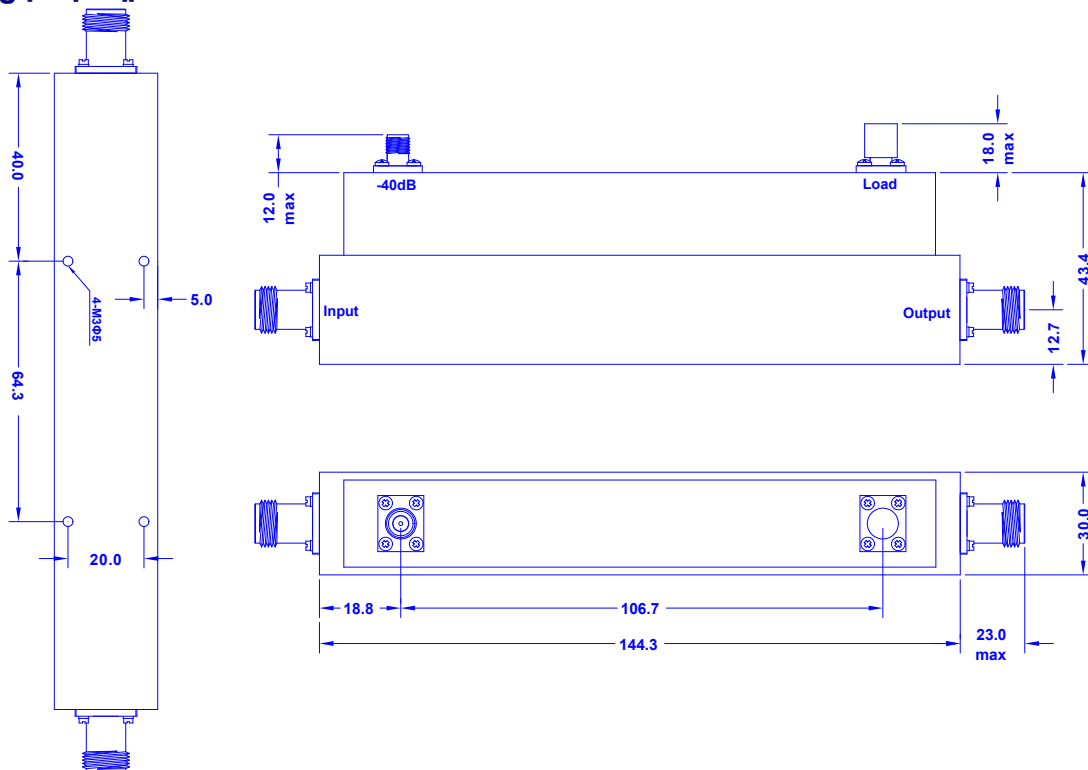
**APPLICATIONS**

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

**SPECIFICATIONS**

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.7	-	8	8	-	18	GHz
Impedance	-	50	-	-	50	-	Ohms
Nominal Coupling	38.8	40	41.2	38.8	40	41.2	dB
Frequency Sensitivity	-	-	±1.2	-	-	±1.2	dB
Directivity	12	-	-	10	-	-	dB
Insertion Loss	-	-	0.6	-	-	0.9	dB
VSWR Primary	-	-	1.4	-	-	1.5	dB
VSWR Secondary	-	-	1.5	-	-	1.6	dB
Average Power	-	-	-	-	-	400	W
Peak Power	-	-	-	-	-	3	kW
Operating Temperature	-55	-	-	-	-	+85	°C
Storage Temperature	-55	-	-	-	-	+100	°C
Connectors	RF: N-Female, Coupling: SMA-Female						
Weight	520g max						
Surface Finishing	Nickel Plated						
Material	Aluminum						

**Outline Drawing [mm[inch]]**



Tolerances ±0.5[0.02]