

**TMDC-02000800-30S20 2-8 GHz, 30dB, 20W, SMA Female**

**FEATURES**

- ❖ Wide Band Operation 2-8 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

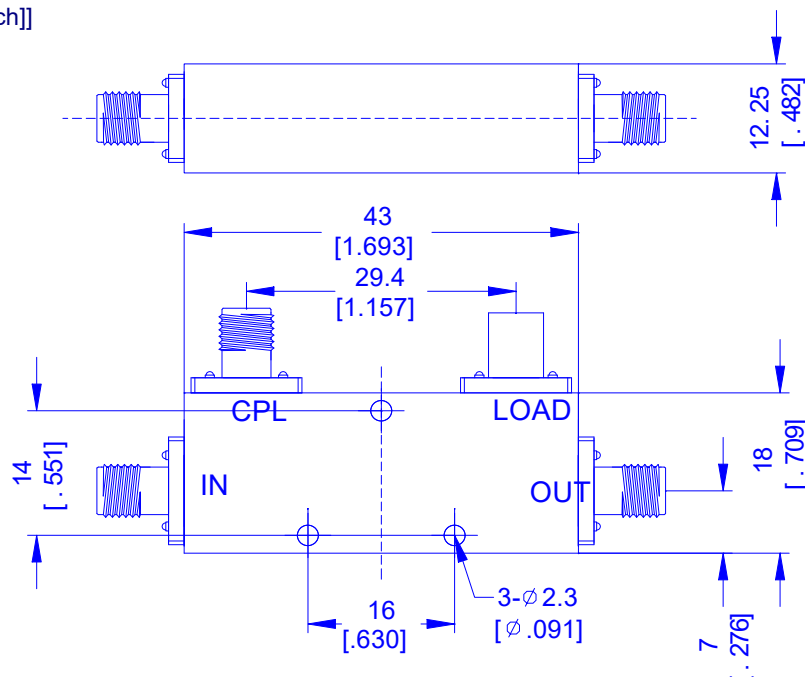
**APPLICATIONS**

- ❖ 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	29	30	31	dB
Frequency Sensitivity	-	-	±0.5	dB
Directivity	17	-	-	dB
Insertion Loss(Including coupling losses)	-	-	0.4	dB
Insertion Loss(True)	-	-	-	dB
VSWR Primary	-	-	1.35	:1
VSWR Secondary	-	-	1.35	:1
Average Power	20			W
Peak Power	-			kW
Operating Temperature	-40°C~+70°C			
Storage Temperature	-55°C~+85°C			
Input/Output Connectors	SMA female			
Size	43mm×18mm×12.25mm			
Surface Finishing	Black Paint			
Material	Aluminum			

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



Tolerances ±0.5[0.02]