

**TDDC-01000600-10SN50 1-6 GHz, 10dB, 50W, SMA Female&N Female**

**FEATURES**

- ❖ Wide Band Operation 1-6 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

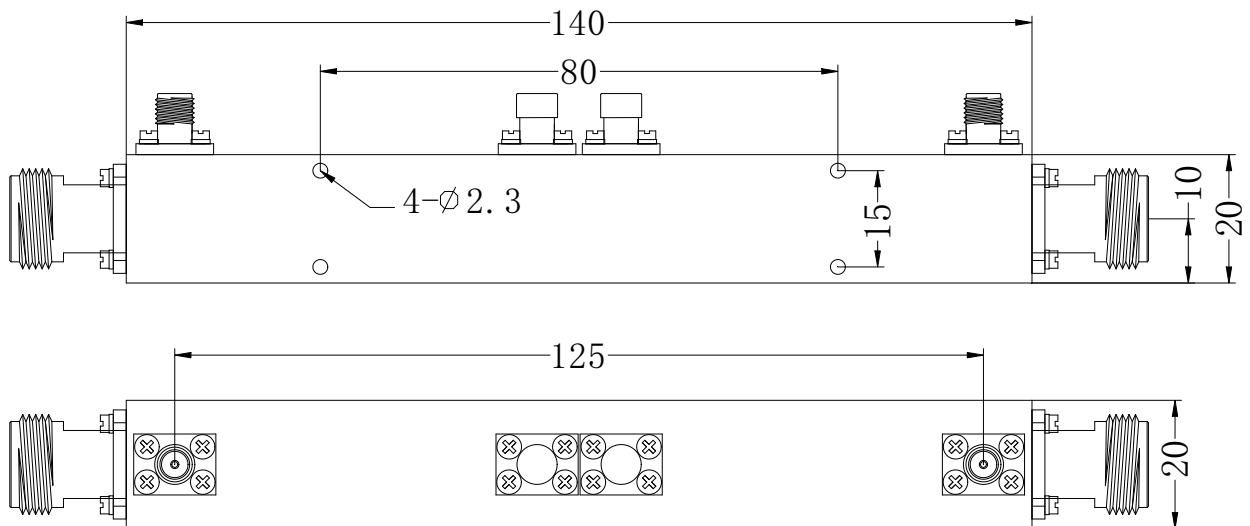
**APPLICATIONS**

- ❖ 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	1	-	6	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	9	10	11	dB
Frequency Sensitivity	-	-	±1.0	dB
Directivity	18	-	-	dB
Insertion Loss	-	-	2.0	dB
VSWR Primary	-	1.2	1.3	:1
VSWR Secondary	-	1.2	1.3	:1
Power Rating	-	-	50	W
Operating Temperature	-45	-	+85	°C
Input/Output Connectors	SMA-Female&N-Female			
Dimensions	140mm×20mm×20mm			
Surface Finishing	Black Paint			
Material	Aluminum			

**Outline Drawing [mm]**



Tolerances ±0.5[0.02]