

TMDC-00500600-30S100 0.5-6 GHz, 30±1.5dB, 100W, SMA-Female

FEATURES

- ❖ Wide Band Operation 0.5-6 GHz
- ❖ High Power Handle Capability up to 100W
- ❖ 30 dB Nominal Coupling
- ❖ Low Insertion Loss

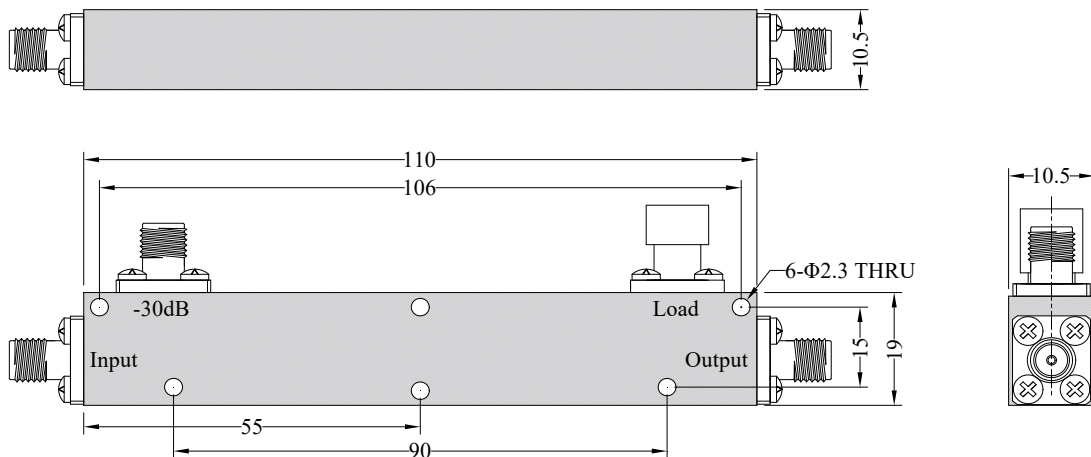
APPLICATIONS

- ❖ 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	0.5	-	6	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	28.5	30	31.5	dB
Directivity	15	-	-	dB
Insertion Loss(Excluding Coupling Loss)	-	-	0.5	dB
Insertion Loss(True)	-	-	0.5	dB
VSWR Primary	-	-	1.3	:1
VSWR Secondary	-	-	1.5	:1
Average Power	100			W
Peak Power	-			kW
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA-Female(stainless steel)			
Weight	70g max			
Surface Finishing	Natural Color Conductive Oxidation			
Material	Aluminum 6061			

Outline Drawing [mm]



Tolerances ±0.5[0.02]