

TMDC-01001800-30N50 1-18 GHz, 30dB, 50W, N Female

FEATURES

- ❖ Wide Band Operation 1-18 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

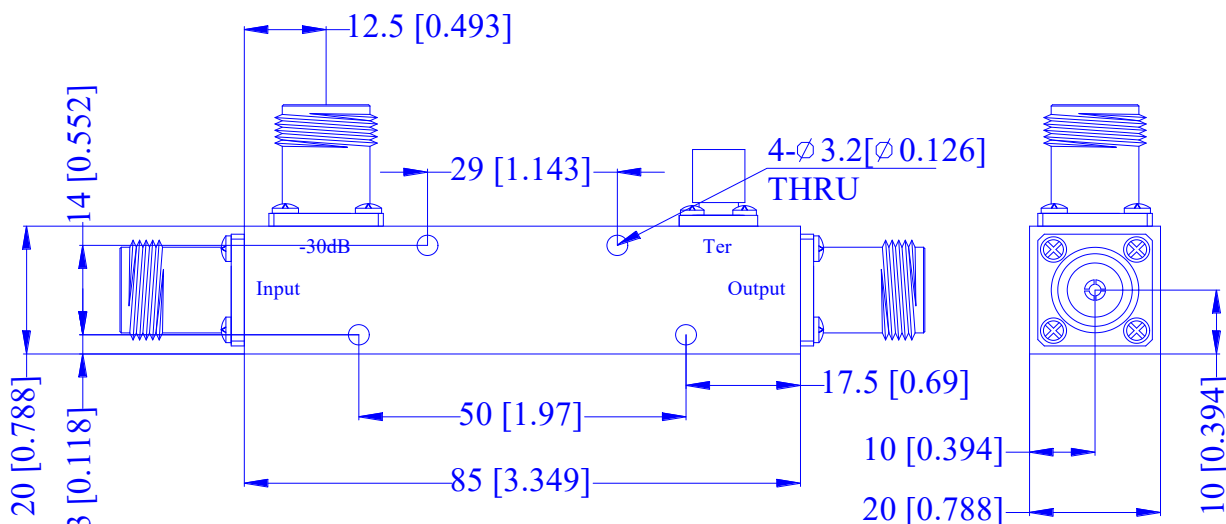
APPLICATIONS

- ❖ 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	1	-	18	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	29	30	31.5	dB
Frequency Sensitivity	-	±0.7	±1.0	dB
Directivity	12	-	-	dB
Insertion Loss(Excluding Coupling)	-	-	1.0	dB
Insertion Loss(True)	-	0.7	1.0	dB
VSWR Primary	-	1.4	1.6	:1
VSWR Secondary	-	1.4	1.6	:1
Average Power		50		W
Peak Power		500		W
Operating Temperature		-40°C~+85°C		
Storage Temperature		-50°C~+105°C		
Input/Output Connectors		N female		
Weight		250g max		
Surface Finishing		Gray Plated		
Material		Aluminum		

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]