

TMDC-00300050-30N300 0.3-0.5 GHz, 30dB, 300W, N Female

FEATURES

- ❖ Wide Band Operation 0.3-0.5 GHz
- ❖ High Power Handle Capability up to 300W
- ❖ 30 dB Nominal Coupling
- ❖ Low Insertion Loss

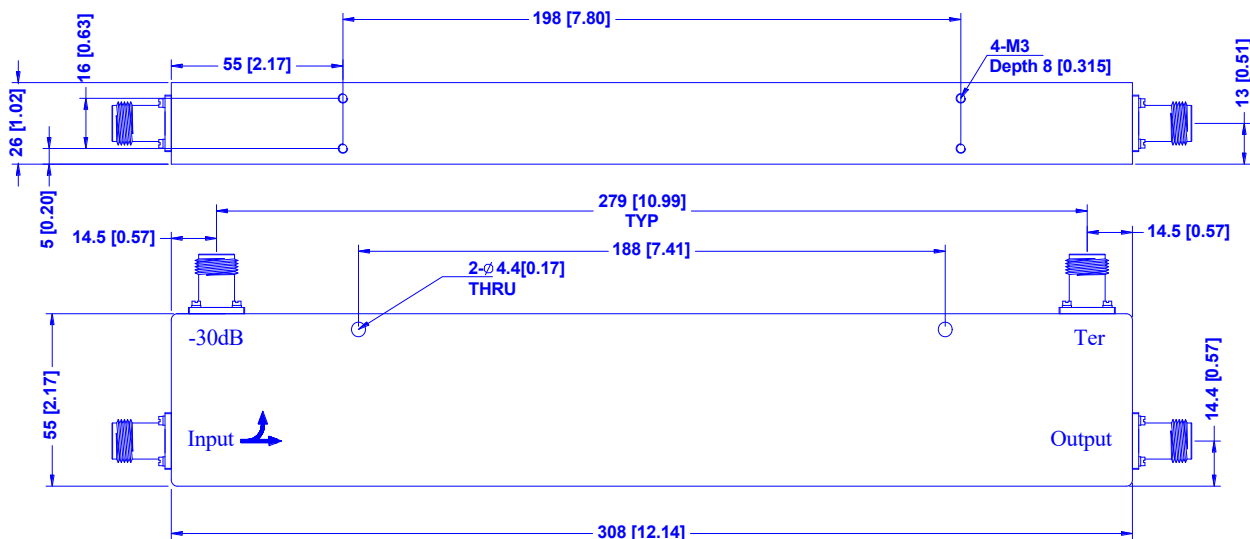
APPLICATIONS

- ❖ 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	300	-	500	MHz
Impedance	-	50	-	Ohms
Nominal Coupling	-	30	-	dB
Frequency Sensitivity	-	±0.5	±0.8	dB
Directivity	22	22	-	dB
Insertion Loss(Excluding Coupling)	-	-	0.1	dB
Insertion Loss(True)	-	0.1	0.2	dB
VSWR Primary	-	1.1	1.2	:1
VSWR Secondary	-	1.1	1.2	:1
Average Power	300			W
Peak Power	5			kW
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	N female			
Weight	950g max			
Surface Finishing	Gray Plated			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]