

TMDC-00700270-15N100 0.7-2.7 GHz, 15dB, 100W, N Female

FEATURES

- ❖ Wide Band Operation 0.7-2.7 GHz
- ❖ Power Handle Capability up to 100W
- ❖ 15 dB Typical Coupling
- ❖ Low Insertion Loss

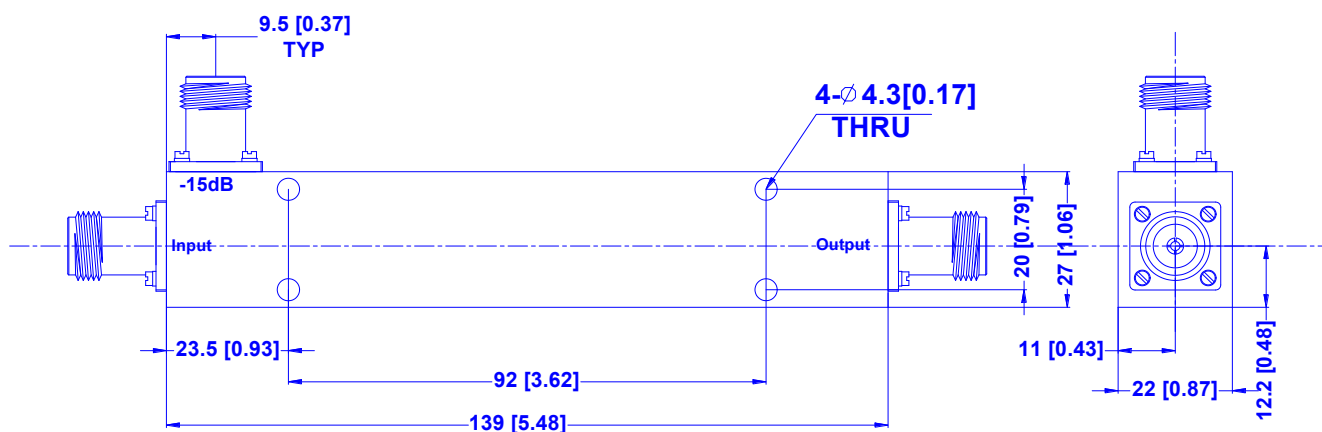
APPLICATIONS

- ❖ 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	0.7	-	2.7	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	14	15	16	dB
Frequency Sensitivity	-	±0.5	±0.7	dB
Directivity	20	22	-	dB
Insertion Loss(Excluding Coupling)	-	-	0.5	dB
Insertion Loss(True)	-	0.35	0.55	dB
VSWR Primary	-	1.25	1.3	:1
VSWR Secondary	-	1.2	1.3	:1
Average Power	100			W
Peak Power	3(10% Duty Cycle, 1µs Pulse Width)			kW
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	N female			
Weight	280g max			
Surface Finishing	Gray Plated			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]