

TMDC-00900900-35N250 0.9-9 GHz, 35dB, 250W, N Female

FEATURES

- ❖ Wide Band Operation 0.9-9 GHz
- ❖ Power Handle Capability up to 250W
- ❖ 35 dB Typical Coupling
- ❖ Low Insertion Loss

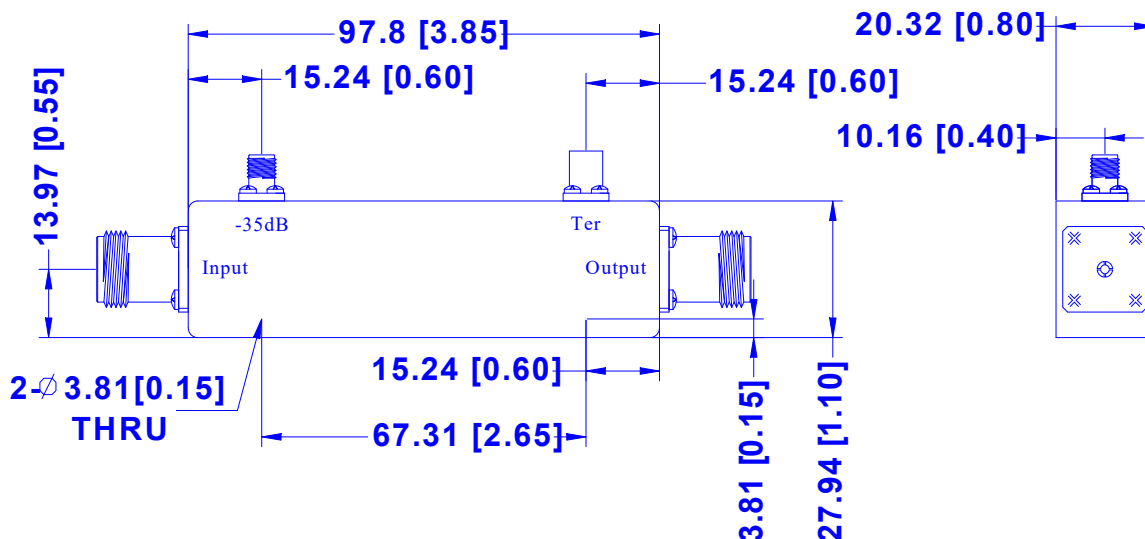
APPLICATIONS

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.9	-	8	8	-	9	GHz
Impedance	-	50	-	-	50	-	Ohms
Nominal Coupling	34.5	35	36.5	34.5	35	36	dB
Frequency Sensitivity	-	±0.7	±1.0	-	±0.5	±0.7	dB
Directivity	16	18	-	11	14	-	dB
Insertion Loss(Excluding Coupling)	-	0.3	0.4	-	0.35	0.4	dB
Insertion Loss(True)	-	0.3	0.4	-	0.35	0.4	dB
Primary Return Loss	14	20	-	14	18	-	dB
Secondary Return Loss	14	20	-	14	18	-	dB
Average Power	250						W
Peak Power	1(10% Duty Cycle, 10µs Pulse Width)						kW
Operating Temperature	-40°C~+85°C						
Storage Temperature	-50°C~+105°C						
Input/Output Connectors	N female						
Weight	200g max						
Surface Finishing	Gray Plated						
Material	Aluminum						

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]