

**TDDC-02000400-30N500A 2-4 GHz, 30dB, 500W, N Female**

**FEATURES**

- ❖ Wide Band Operation 2-4 GHz
- ❖ Power Handle Capability up to 500W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

**APPLICATIONS**

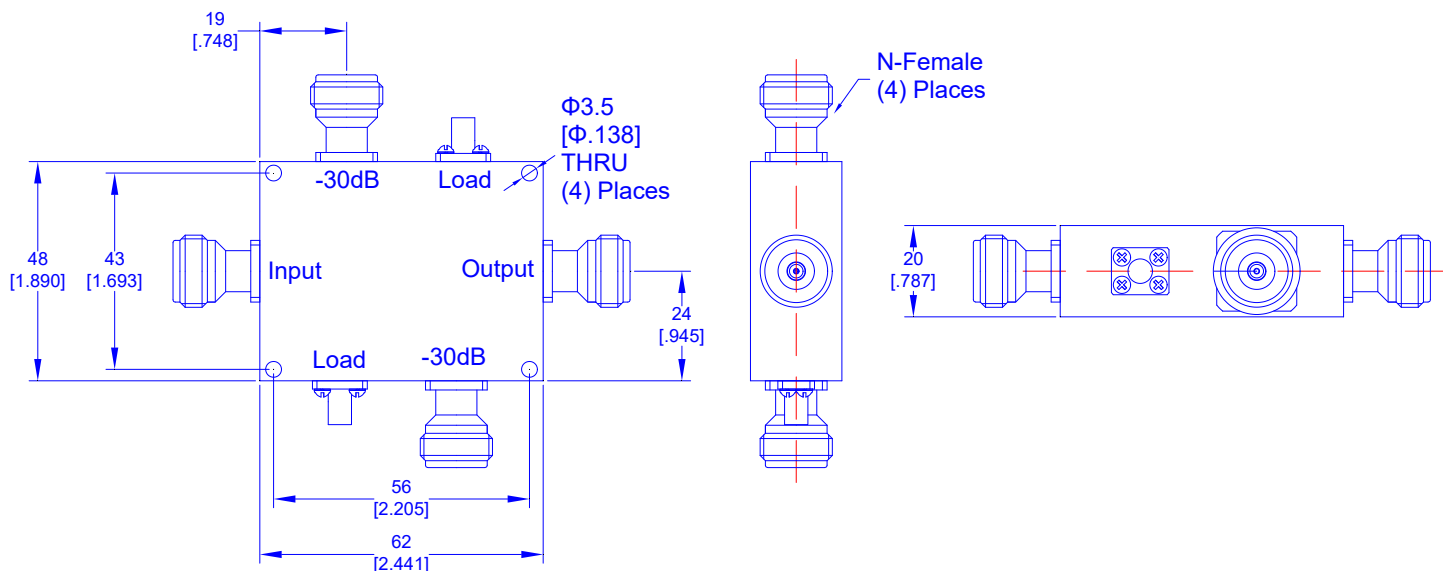
- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

**SPECIFICATIONS**

Parameters	Min.	Typ.	Max.	Units
Frequency Range	2	-	4	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	28.8	30	31.2	dB
Frequency Sensitivity	-	-	±1.5	dB
Directivity	15	-	-	dB
Insertion Loss(Excluding coupling loss 0.01dB)	-	-	0.3	dB
VSWR Primary	-	-	1.3	:1
VSWR Secondary	-	-	1.3	:1
Power Handling	Incident	-	500	W
	Reflected	-	500	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	N-Female			
Dimensions	62×48×20mm			
Surface Finishing	Black/Blue/Grey Paint			
Material	Aluminum			

**Outline Drawing** [mm[inch]]

Power handling guaranteed when load's VSWR within 1.50:1



Tolerances ±0.5[0.02]