

TDDC-02000400-20N500 2-4 GHz, 20dB, 500W, N Female

FEATURES

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

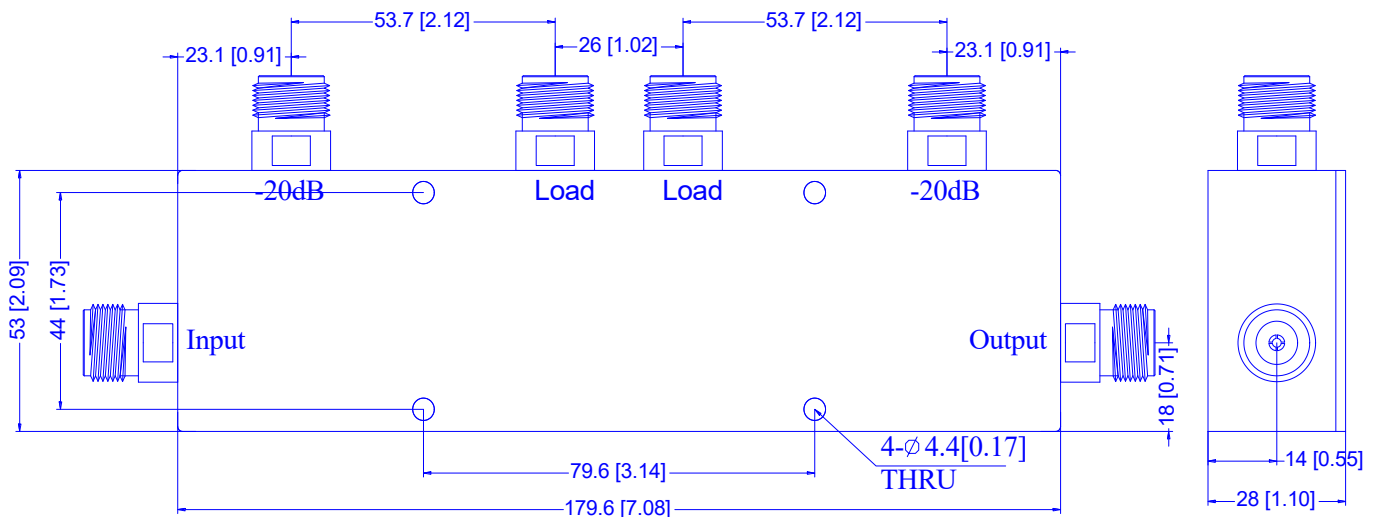
APPLICATIONS

- ❖ 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	19	20	21	dB
Frequency Sensitivity	-	±0.4	±0.7	dB
Directivity	18	21	-	dB
Insertion Loss(Excluding coupling loss 0.01dB)	-	-	0.3	dB
VSWR Primary	-	1.2	1.3	:1
VSWR Secondary	-	1.2	1.3	:1
Power Handling	Average	-	500	W
	Peak	-	5	kW
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	N-Female			
Weight	600g			
Dimensions	180mm×53mm×28mm			
Surface Finishing	Gray Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]