

TDDC-01000200-20N500 1-2 GHz, 20dB, 500W, N Female

FEATURES

- ❖ Wide Band Operation 1-2 GHz
- ❖ Power Handle Capability up to 500W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

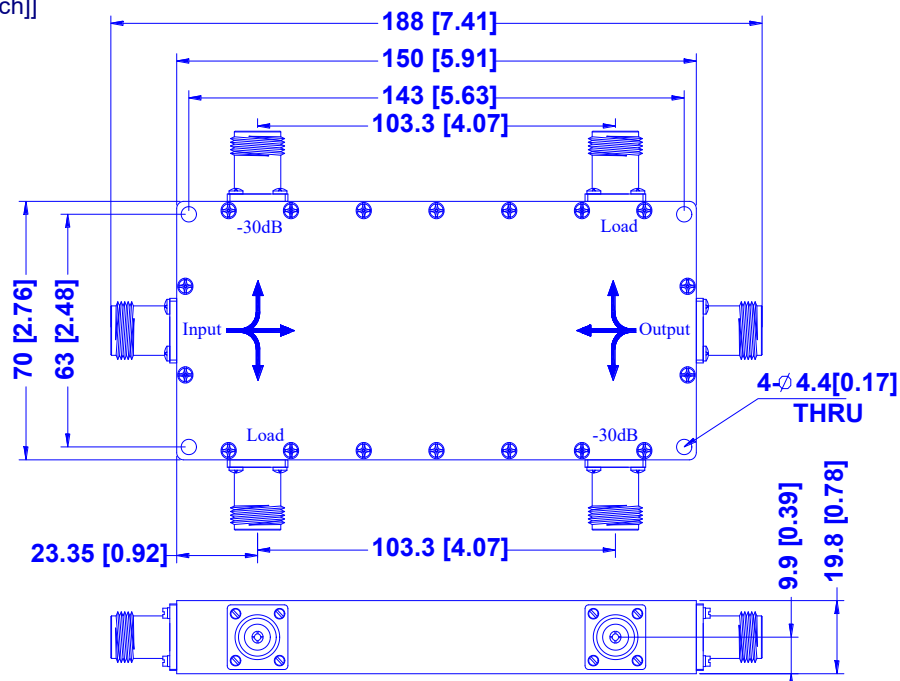
APPLICATIONS

- ❖ 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	0.95	-	1.22	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	29.2	30	30.8	dB
Frequency Sensitivity	-	±0.3	±0.5	dB
Directivity	20	23	-	dB
Insertion Loss(Excluding coupling loss 0.01dB)	-	-	0.3	dB
VSWR Primary	-	1.15	1.25	:1
VSWR Secondary	-	1.2	1.25	:1
Power Handling	Average	-	500	W
	Peak	-	3	kW
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	N-Female			
Weight	600g			
Dimensions	150mm×70mm×19.8mm			
Surface Finishing	Gray Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]