

TDDC-01001800-20N50 1-18 GHz, 20dB, 50W, N Female

FEATURES

- ❖ Wide Band Operation 1-18 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

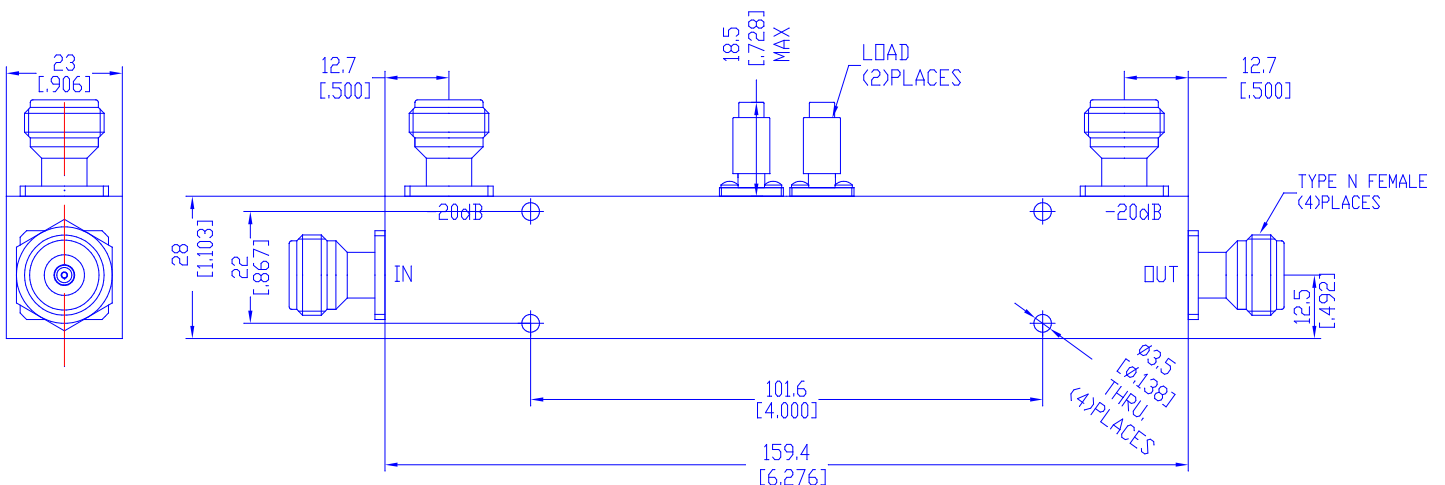
APPLICATIONS

- ❖ 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	1	-	18	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	19	20	21	dB
Frequency Sensitivity	-	-	±1.0	dB
Directivity	10	-	-	dB
Insertion Loss(Excluding coupling loss 0.08dB)	-	-	1.6	dB
VSWR Primary	-	-	1.5	:1
VSWR Secondary	-	-	1.5	:1
Power Handling				
Incident	-	-	50	W
Reflected	-	-	10	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	N-Female			
Weight	350g			
Dimensions	159.4mm × 28mm × 23mm			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]