

**TDDC-01000600-40N50 1-6 GHz, 40dB, 50W, N Female**

**FEATURES**

- ❖ Wide Band Operation 1-6 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 40 dB Typical Coupling
- ❖ Low Insertion Loss

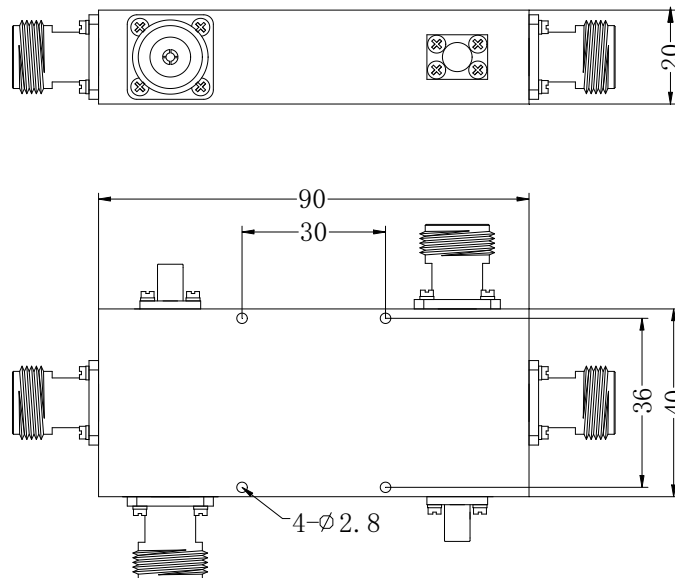
**APPLICATIONS**

- ❖ 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	-	6	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	38.8	40	41.2	dB
Frequency Sensitivity	-	-	±1.0	dB
Directivity	16	-	-	dB
Insertion Loss	-	-	0.5	dB
VSWR Primary	-	1.2	1.3	:1
VSWR Secondary	-	1.2	1.3	:1
Power Rating	-	-	50	W
Operating Temperature	-45	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	N-Female			
Dimensions	90mm×40mm×20mm			
Surface Finishing	Gray Paint			
Material	Aluminum			

**Outline Drawing [mm]**



Tolerances ±0.5[0.02]