

**TDDC-01000600-40N500 1-6 GHz, 40dB Coup, 500W, N(f) & SMA(f)**

**FEATURES**

- ❖ Wide Band Operation 1-6 GHz
- ❖ Power Handle Capability up to 500W
- ❖ 40 dB Typical Coupling
- ❖ Low Insertion Loss

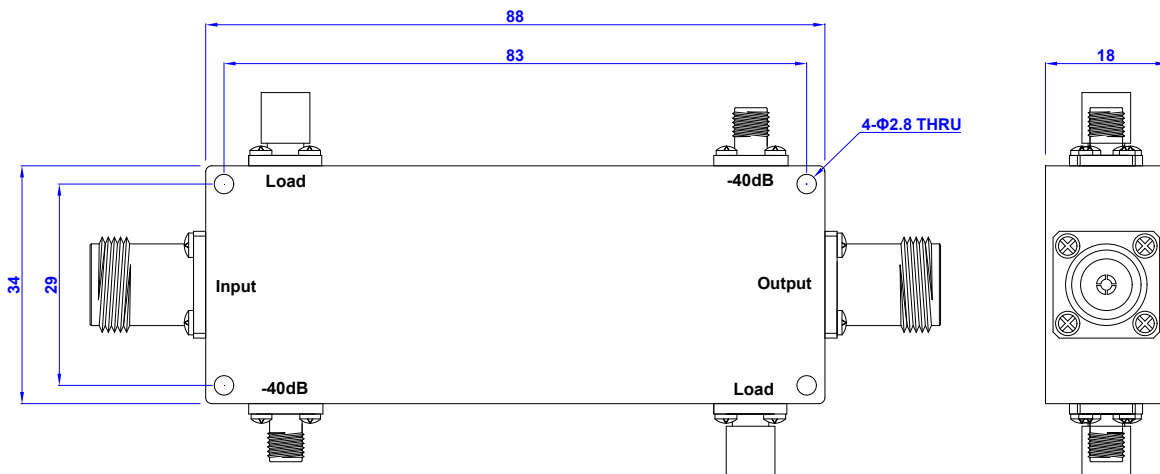
**APPLICATIONS**

- ❖ 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	38.5	40	41.5	dB
Directivity	18	-	-	dB
Insertion Loss	-	-	0.5	dB
VSWR Primary	-	-	1.3	:1
VSWR Secondary	-	-	1.3	:1
Power Handling	-	-	500	W
Operating Temperature	-40	-	+70	°C
Input/Output Connectors	N-Female			
Coupling Connectors	SMA-Female			
Dimensions	88×34×18mm			
Surface Finishing	Conductive Oxidation			
Material	Aluminum			

**Outline Drawing<sub>[mm]</sub>**



Tolerances ±0.5[0.02]