

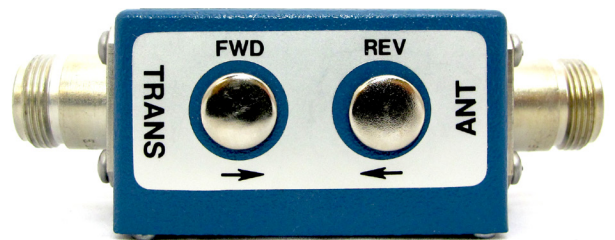
1000 Watt RF Power Sensors

30 - 960 MHz

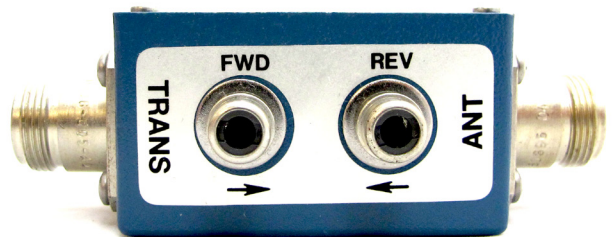
The family of RF Power Monitors are single or dual-direction devices which produce a DC voltage proportional to an RF signal between 30 and 960 MHz, depending on the model. These devices exhibit extremely low insertion loss, and are designed to be placed in the transmission line permanently, allowing continuous monitoring of forward and reflected power. Each power monitor is used for one transmitter within a specified bandwidth.

Voltage trimmers allow each unit to be quickly recalibrated for a new frequency within the same band. One or two RCA connectors provide access to the proportional DC output, which is connected to any one of TASC Systems Remote Terminal Units, with a simple shielded audio-type cable. Standard RF connectors are N Female. Any combination of N Male or Female are available on request.

Part No.	Type	Frequency	Bandwidth
961-001-0001	Single	30 - 88 MHz	20 MHz
961-001-0002	Single	87.5 - 108 MHz	20 MHz
961-001-0003	Single	118 - 230 MHz	50 MHz
961-001-0004	Single	200 - 400 MHz	50 MHz
961-001-0005	Single	380 - 512 MHz	50 MHz
961-001-0006	Single	700 - 869 MHz	50 MHz
961-001-0007	Single	806 - 960 MHz	50 MHz
962-001-0001	Dual	30 - 88 MHz	20 MHz
962-001-0002	Dual	87.5 - 108 MHz	20 MHz
962-001-0003	Dual	118 - 230 MHz	50 MHz
962-001-0004	Dual	200 - 400 MHz	50 MHz
962-001-0005	Dual	380 - 512 MHz	50 MHz
962-001-0006	Dual	700 - 869 MHz	50 MHz
962-001-0007	Dual	806 - 960 MHz	50 MHz



Front



Rear



1000 Watt RF Power Sensors

Specifications	
Input power range	5 - 1000 watts
Impedance (typ.)	50 Ohms
VSWR (max.)	1.1 : 1
Insertion loss (typ.)	0.1 dB
Dimensions (HxWxD) in. (cm)	1.375 x 2.25 x 1.25 inches (3.5 x 5.7 x 3.2 cm)
Weight lb. (kg)	0.5 lb (0.2 kg)
RF connectors	N type
DC connectors	RCA-F standard

TASC Systems Inc. is continuously working to improve system performance and expand product capabilities. Specifications are subject to change without notice.
NOTICE: Given the variety of factors that can affect the use and performance of a TASC Systems Product (the "Product"), it is essential that User evaluate the TASC Systems Product and software to determine whether it is suitable for User's particular purpose and suitable for User's method of application. TASC Systems' statements, engineering/technical information, and recommendations are provided for User's convenience. TASC Systems products and software are not specifically designed for use in "life support" applications. TASC Systems products and software should not be used in such applications without TASC Systems' express written consent.