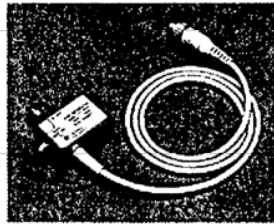


Accessories

SWR Autotesters

560 Autotesters: The 560 Series SWR Autotesters integrate, in one small package, a broadband high-directivity bridge, a detector, a low reflection test port, a precision reference termination, and a connection cable. The output is a detected signal proportional to the reflections from the test port. Optional extender cables can be used without degradation in performance. A mating Open/Short is shipped with each 560 Autotester.



560 Autotester Models:

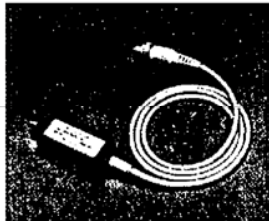
Model	Frequency Range (GHz)	Directivity (dB)	Frequency Sensitivity (dB)	Test Port Connector	Input Connector
560-97A50	0.01-18	36	±1.2	GPC-7	N Female
560-97A50-1		40			
560-97N50	0.01-18	35	±1.5	N Male	N Female
560-97N50-1		38			
560-97NF50	0.01-18	35	±1.5	N Female	N Female
560-97NF50-1		38			
560-98S50	0.01-26.5	32	±2.0	WSMA Male	Ruggedized WSMA Female
560-98S50-1		35			
560-98SF50	0.01-26.5	32	±2.0	WSMA Female	Ruggedized WSMA Female
560-98SF50-1		35			
560-98K50	0.01-40	30	±3.0	K Male	Ruggedized K Female
560-98KF50				K Female	

Dimensions and Weight:

Model	Dimensions	Weight
560-97A50, -1	7.6 x 5 x 2.8 cm	340 g
560-97N50, -97NF50, -1	(3 x 2 x 1-1/8 in.)	(12 oz)
560-98K50, -98KF50	5.3 x 3.8 x 1.9 cm	198 g
560-98S50, -98SF50, -1	(2-1/8 x 1-1/2 x 3/4 in.)	(7 oz)

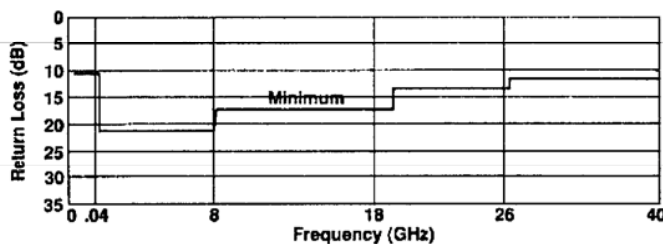
Detectors

560 Detectors: The 560 Series Detectors are used for absolute power and relative transmission measurements. The 560 Series Detectors use zero-biased, field-replaceable Schottky diodes. Measurement range is -60 dBm (typically usable to -65 dBm with 562) to +16 dBm. Optional extender cables can be used without degradation in performance.



Model	Frequency Range	Input Connector
560-7A50	10 MHz to 18 GHz	GPC-7
560-7N50	10 MHz to 18.5 GHz	N Male
560-7S50	10 MHz to 18.5 GHz	WSMA Male
560-7S50-2	10 MHz to 26.5 GHz	WSMA Male
560-7K50	10 MHz to 40 GHz	K Male

Detector Return Loss:



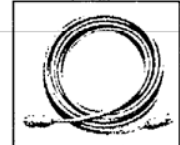
Accessories

Replaceable Diode Modules:

Detector Model	Diode Module Model
560-7A50	560-A-7219-A
560-7K50	Factory Repair Only
560-7N50	560-A-7219-A
560-7S50	560-A-7219-A
560-7S50-2	560-A-7219-B

Extender Cables: Extender cables can be installed between the SWR Autotester or detectors and the 562, permitting measurements from a distance of 61 m (200 ft).

Model	Cable Length
800-109	7.6 m (25 ft)
800-110	15.2 m (50 ft)
800-111	30.5 m (100 ft)
800-112	61 m (200 ft)

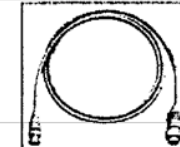


Interface Cables: Allows the 562 to operate with the following sources.

Model	Source
806-7	Wilton 6600B
806-7	Wilton 6700A
806-13	HP 8350B, 8340/1
806-14	HP 8620C

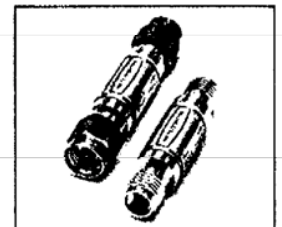
Adapter Cables: Adapter cables allow the 562 to be used with waveguide or other detectors having a BNC or SMA female output connector. Cable length is 122 cm (4 ft).

Model	Connectors
560-10BX	BNC Male
560-10BX-1	SMA Male



Open/Shorts: An Open/Short is used to establish a 0 dB return loss reference during the normalization procedure.

Model	Connectors
22A50	GPC-7
22K50	K Male
22KF50	K Female
22N50	N Male
22NF50	N Female
22S50	WSMA Male
22SF50	WSMA Female



Volt Mode Adapter Cable: Allows the 562 to be used in Volt Mode.

Model	Connectors
562-15BX	BNC Male

Recommended Systems

5647B Scalar Network Analyzer System:

10 MHz to 18 GHz (GPC-7 Connectors)

Includes:

- (1) 562 SNA
- (1) 560-97A50-1 Detector
- (1) 22A50 Open/Short
- (1) 34NN50A Adapter
- (1) 6647B Sweep Generator
- (1) 560-97A50-1 SWR Autotester
- (1) 806-7 Interconnect Cable
- (1) 2100-1 GPIB Cable

5769A Synthesized Scalar Network Analyzer System:

10 MHz to 40 GHz (K Connector™)

Includes:

- (1) 562 SNA
- (1) 560-97K50 Detector
- (1) 22KF50 Open/Short
- (1) 34KRK50A Adapter,
- (1) 2100-1 GPIB Cable
- (1) 6769A Swept Frequency Synthesizer
- (1) 560-97K50 SWR Autotester
- (1) 34KF50 Adapter
- (1) 806-7 Interconnect Cable

WILTRON

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