Established 1981

Advanced Test Equipment Rentals - www.atecorp.com 800-404-ATEC (2832)



S188 Series Solid State Microwave Power Amplifiers 8.0 – 18.0 GHz • 5 Watts to 125 Watts

Standard Features for IFI S188 Series Solid State Amplifiers			
Standard	VSWR Reflected Power Protection, the unit operates without damage or oscillation into any magnitude of phase or load impedance,		
Features:	Open & Short Circuit Protection.		
	* Alternate Prime Power (specify at time of order)		
	GPIB IEEE 488 & RS232 Remote Control		
	RF Sample Port on the Front Panel, 112R for rear panel		
	Internal Pre-amplification to obtain rated output power with an input level of 0 dBm or less.		
	Gain Control Local & Remote, 30dB range		
	RF Input/Output Connectors on the Front Panel, 118R for rear panel		
	Internal Systems Diagnostics & Status Indicators		
	Total/Operate Elapsed Time Metering in hours		
	RF Safety Interlock		
	Forward/Reflected Power Indication simultaneously on Front Panel display		

IFI S188 Series Solid State Amplifier Specifications			
Frequency Range:	As Specified in Model Table		
Rated Output Power:	As Specified in Model Table		
Gain @ Rated Power:	As Specified in Model Table		
Prime Power:	As Required (Some are listed below)		
Input/output Impedance:	50 ohms		
RF Input/ Sample Connectors:	Type N Female, unless specified otherwise		
RF Output Connector:	Type N Female Other connectors available by request or specification		
Input VSWR:	2.0:1		
Output VSWR:	2.5:1		
Operating Temp:	0° to 50° C		
Non-operating Temp:	-40° to 70° C (50,000 feet max)		
Humidity:	95% without condensation		
Altitude:	10,000 feet		
Cooling System:	Air cooled, self contained		
Modulation:	AM,FM, Pulse		
Configuration:	Rack Mount as specified in Model Table, or Rack/Cabinet Integrated		
Spurious Outputs:	<-60 dBc nominal		
Harmonics:	-20dBc minimum @ Linear Power		

Standard Prime Powers:		
100, 115, 120 VAC ±10% 50/60 Hz, single phase		
220, 230, 240VAC ±10% 50/60 Hz, single phase		
120/208 or 200/220/230/240VAC ±10% 50/60 Hz, three phase Wye or Delta power is available		
200/220/230/240VAC ±10% 50/60 Hz, three phase Wye or Delta power is available		
Special Prime Powers other then listed are subject to availability		

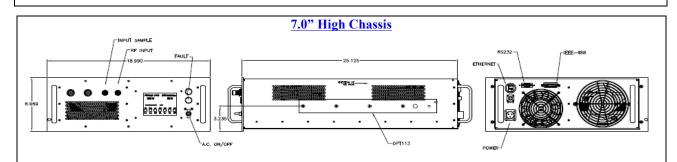
Some Available Options for IFI S188 Series Solid State Amplifiers

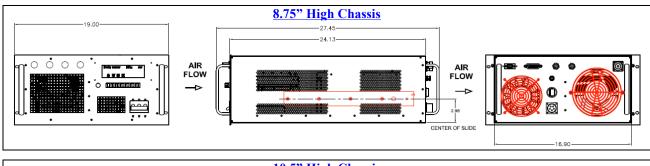
Option 110-1E:	GPIB IEEE-488 RS232 and Ethernet Remote Control	
Option 110-2:	GPIB IEEE-488 and RS 422 Remote Control	
Option 110-3	GPIB IEEE-488 and RS 485 Remote Control	
Option 113:	Chassis slides for a 19" rack mounting	
Option 118A:	RF Input On Front Output On Rear	
Option 118B:	RF Input On Rear Output On Front	

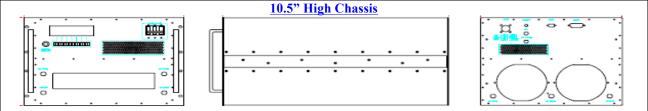
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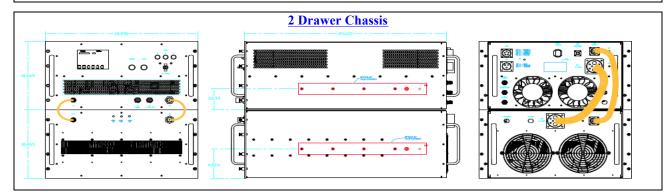
903 South Second Street · Ronkonkoma, NY 11779 · 631-467-8400 · 631-467-8558 · sales@ifi.com · www.ifi.com

Microwave Instruments For Industry AMPLIFIERS The Power Of Choice **S188 Series Solid State Microwave Power Amplifiers** 8.0 - 18.0 GHz • 5 Watts to 125 Watts **Outline Configurations:** 5.25" High Chassis 24.12 ò ò 0 OE









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