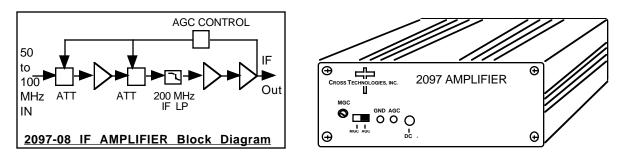
CROSS TECHNOLOGIES, INC.

DATA SHEET

Rev. 0 4/22/10

2097-08 IF Amplifier

2097-08 IF Amplifier - The 2097-08 IF Amplifier provides automatic Gain Control for a 50 to 100 MHz IF signal for a -95 to -15 dBm input level to a -30dBm, +8, -15 dB output. The 2097-08 has a band limiting lowpass filter and automatic gain (AGC) or manual gain (MGC) for a -95 to -15 dBm input range. The 2097-08 is powered by a 120 VAC, 60Hz, wall power supply and is housed in an 4.7" wide X 1.75" high X 12.5" deep aluminum chassis. **Option -R** provides 1 3/4" X 19 " rack mount panel. **Option -C** has no power supply for use with a Series 2000 Power Supply.





EQUIPMENT SPECIFICATIONS*

Input Cha	Characteristics		CROSS TECHNOLOGIES, INC.			€	
Fre Inpu Inpu	edance/RL quency ut Level range ut 1 dB haracteristics	50Ω/10 dB 50 to 100 MHz -95 to -15 dBm +5 dBm	Ð	SIGNAL) DC) SIGNAL OUT	Ð
	put Impedance/RL	50 Ω /18 dB	(•				
Out	put Level	-30dBm, +8, -15 dB		2097-08	B IF AMPLIFIER REAR	PANEL	
Channel Characteristics							
Gair	۱	-25 to +45, AGC					
	luency Response	± 1.0 dB, ± 18 MHz					
	up Delay, max	± 5 ns, max 50 to 100 MHz					
Controls/Indicators							
	C/AGC; MGC Pot	Switches between Manual (MGC) or Automatic (AGC) Gain control; Pot controls manual gain					
-	Power	Green LED					
Other Dia Contraction of the Con							
,	IF, RF Connectors BNC, female						
	Size, Bench Top 4.7" wide X 1.75" high X 8.5" deep						
	Size, Rack Mount (-R) 19 inch standard chassis 1.75"high X 9.0" deep (Optional)						
	Power 120 ± 10% VAC, 60Hz, 20 watts max, wall mount power supply						
	odel Numbers						
	2097-08 wall power supply 2097-08R wall power supply, rack mount						
	7-08C	wall power supply, rack mount no power supply, use with 2000-01	now	or supply			
2097	-000	no power suppry, use with 2000-01	pow	er suppry			

*+10 to +40 degrees C; Specifications subject to change without notice

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