

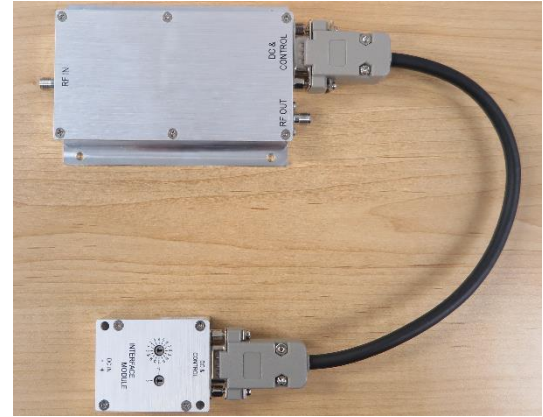
## LNA with variable attenuator

100-1000 MHz

Models: 58-10-32-ATT (100-225 MHz)  
 58-30-32-ATT (300-520 MHz)  
 58-70-32-ATT (700-1000 MHz)

- Designed for unconditionally stable performance in professional communications systems
- Featuring rugged construction

These amplifiers will provide higher system dynamic range for fixed receiver systems, tower mounted amplifiers, or boosters.



LNA + Control Unit

Electrical Specifications	58-10-32-ATT	58-30-32-ATT	58-70-32-ATT
Frequency Range, MHz	100-225	380-520	700-1000
Bandwidth, MHz	125	220	300
Typical Gain, dB	32		
Amplifier Noise figure, dB	1.3 typical (1.5 Max)		
3rd Order Intercept, dBm	+43		
Output 1 dB Compression Point, dBm	25.0		
Input/Output Return loss, dB	-18 Typ.		
Attenuation range, dB	31 in 1 dB increment		
Operating Voltage, VDC	11-16		
Typical DC Current Draw, mA	360 @ 15 V		
Maximum Input Power, dBm	+20		
Temperature Range, °C	-30 to +60		



Control Unit

Mechanical Specifications (All)	LNA Unit	Control Unit
Height, in (mm)	4.9 (101.6)	2.25 (57.15)
Width, in (mm)	3 (76.2)	1.42 (36)
Depth, in (mm) (including Connectors)	0.83 (21)	0.83 (21)
Weight, lb (g)	0.460 (209)	0.146 (66)



Control Unit and LNA mounted on 19-inch rack together with power supply unit and 1:2 power divider