

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

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

In case of failure (DC off or out of range), the RF signal is bypassed, dry contact and red LED alarm are activated.

Electrical Specifications	58-10-32-ATT-DC	58-30-32-ATT-DC	58-70-32-ATT-DC
Frequency Range, MHz	100-225	380-520	700-1000
Bandwidth, MHz	125	220	300
Typical Gain, dB		32	
Gain in case of DC failure, dB		0 *	
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	
Attenuation in case of DC failure, dB		0 *	
Operating Voltage, VDC		11-16	
Typical DC Current Draw, mA		360 @ 15 V	
Maximum Input Power, dBm		+20	
Alarm output	N.O./N.C. Dry contact + LED changing to red		
Alarm conditions	Amplifier VDC and/or IDC outside tolerance		
Temperature Range, °C		-30 to +60	



Monitoring and Control Unit
Front view



Monitoring and Control Unit
Rear view

Mechanical Specifications (All)	LNA Unit	Control Unit
Height, in (mm)	6 (154)	3.78 (96)
Width, in (mm)	3.35 (85)	2.4 (61.1)
Depth, in (mm) (including	0.83 (21)	1.08 (27.45)
Weight, lb (g)	0.67 (305)	0.460 (209)



- For optimal functionality, in case of DC failure the RF signal bypasses the amplifier and the integrated attenuators giving 0 dB amplification and 0 dB attenuation.