



OUTDOOR LOW NOISE AMPLIFIER LNA - MMDS

- **Exceptionally Low-Noise Amplifier**
- **Hermetically Sealed for Outdoor Operation**
- **Power Supplied Through Standard RG-59, RG-11, Drop Cable and “F” Connectors**

PRODUCT APPLICATION:

The Cable AML Low Noise Amplifier (LNA) is designed to improve performance of MMDS Systems by significantly reducing system noise figure.

The added microwave gain improves the carrier-to-noise ratio on long paths. In addition, the LNA gain increases fade margin and path reliability without adding CTB distortion.

The LNA is specifically designed to be mounted outdoors. The most benefit can be gained by placing the unit at the antenna feedhorn flange.

The unique powering system, utilizing readily available standard coaxial cable and connectors also provides a measure of lightning protection.



OTX-002	Single Stage 87106-001	Dual Stage 87106-002
Noise Figure:	3.5 dB (max)	3.0 dB (max)
Gain:	8 dB	18 dB
1 dB Compression Point:	11 dBm (min)	18 dBm (min)
Third Order Intercept Point:	21 dBm (min)	28 dBm (min)
Temperature Range:	-40° to 120° F (-40° to 49° C)	
Primary Power:	Cable Powered 60 VAC, 50/60Hz	
RF Output Connector:	1.2" W x 1.5" H x 2.0" D	

¹ Specifications subject to change without prior notice.