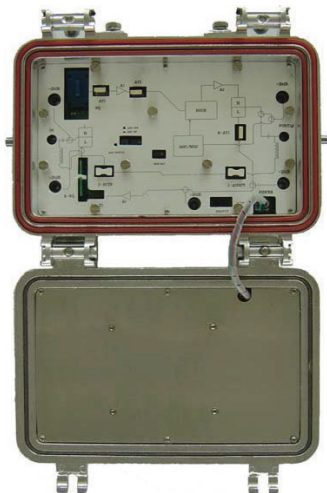


Line Extender

PRODUCT SPECIFICATIONS



FEATURES:

- 870 MHz GaAs technology
- 32dB Operational Gain
- 5-42 MHz Return
- Bode Equalization
- 60/90V Powering
- -20dB Test Points

DESCRIPTION

Multicom is pleased to introduce the MUL-LE-870 line extender. This single output amplifier is designed to meet the needs of today's expanding broadband communication networks.

The MUL-LE-870 amplifiers incorporate high quality push-pull and power doubling GaAs hybrids to provide the highest output and lowest distortion levels possible. A regulated power supply along with an extra strong die casting aluminum alloy heatsink case provides the reliability required for operation in the most hostile environments. The MUL-LE-870 is ideally suited for new build and rebuild construction.

| MUL-LE-870 | |
|---------------------------------|-----------------------|
| Forward Path: | |
| Bandwidth | 54-870MHz |
| Flatness | ±0.75dB |
| Full Gain | 34dB |
| Operational Gain | 32dB |
| Manual Bode Slope Control Range | 3/±0.5dB |
| Station Slope | 8dB |
| Return Loss | ≥16dB |
| Noise Figure 54/870MHz | 8dB |
| Standard Input Level | ≥12dBmV |
| Operational Output Level | 44dBmV |
| Distortions | CNR≤-52dBc |
| | CTB≤-65dBc |
| | CSO≤-60dBc |
| RF Impedance | 75Ω |
| Test Points | -20dB |
| Return Path: | |
| Bandwidth | 5-42MHz |
| Flatness | ±0.75dB |
| Return Loss | ≥16dB |
| Operational Gain | 18dB |
| RF Impedance | 75Ω |
| Test Points | -20dB |
| General: | |
| AC Input Voltage Range | 60-90V |
| Power Consumption | 25W |
| Storage Temperature Range | -40° to 80°C |
| Operating Temperature Range | -20° to 50°C |
| Dimensions | 12.2" x 9.06" x 4.92" |
| Weight | 9 lbs |

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