



MU-DEL ELECTRONICS

Mu-Del Quad Channel L-Band Amplifier MDA-90170EL-29

This is a rack mounted, four independent channel amplifier assembly designed to amplify a wide range of signals and drive long lengths of RF cable. Each channel has the following RF characteristics.

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|-----------------------------------|-------------------------------|
| • Frequency Range | 900 to 1700 MHz |
| • Gain | 30 dB minimum |
| • Gain Flatness | +/- 1 dB maximum |
| • Noise Figure | 2 dB maximum |
| • VSWR (Input, Output) | 2.0:1 maximum |
| • Impedance (input, output) | 50 ohms |
| • Output Level @ 1 dB Compression | +13 dBm minimum |
| • Connector Type | SMA-f / BNC-f or user defined |
| • Power Requirements | 90-260 VAC, 47-440 Hz |
| • Operating Temperature | -20 to +51° C |
| • Storage Temperature | -40 to +85° C |
| • Humidity | 10 to 90%, non-condensing |
| • Operating Altitude | 0 to 10000 feet MSL |
| • Package Size | 1.75" H x 19" W x 11.5" D |
| • Weight | 8 pounds |

Following are some of the more popular options:

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|---------------------|-----------------------------|--------------------|
| Gain Adjustment | Different Frequency Range | Mounting Brackets |
| Higher / Lower Gain | Different Temperature Range | DC Power Indicator |
| | Different Output Level | |

Please consult factory for Ordering Information and to discuss options to modify any of the above specifications.

