



# LNA

## Ka-BAND

### LNA-100088

#### SPECIFICATIONS

|                                |                     |                               |                        |
|--------------------------------|---------------------|-------------------------------|------------------------|
| Frequency                      | 25.5 – 27 GHz       | Power Supply                  | +10 to +30V DC         |
| Noise Figure                   | 6.5 dB max.         | Power Connector               | MS3112E10-6P           |
| Conversion gain                | 45dB min., 50dB max | Current                       | 300 mA max.            |
| Gain flatness at full band     | ±2 dBp-p max.       | Input (waterproof)            | WR-34G                 |
| Gain variation for temperature | ±2 dBp-p max.       | Output (waterproof)           | K-Connector female     |
| Input VSWR                     | 3.5 : 1 max.        | Dimension (exclude connector) | 29.8 x 56.6 x 129.9 mm |
| Output VSWR                    | 3.0 : 1 max.        | Operating Temperature         | -40 to +60°C           |
| Output P1dB                    | +10 dBm min.        | Waterproof                    | IP 67                  |

#### MECHANICAL DIAGRAM

