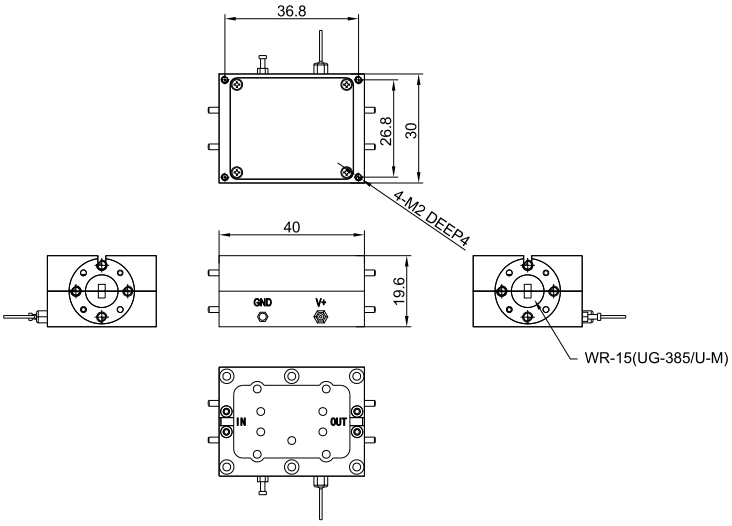
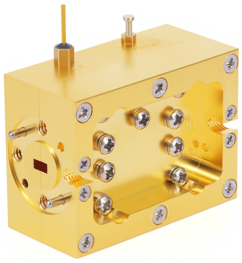
Datasheet

Waveguide WR15 Low Noise Amplifier(LNA) | 18dB Gain | 2.5dB Noise Figure | 50 - 75GHz

P/N: LNA-50G75G-G18-WR15





Dimensions are in mm

Product Configuration

Connector-In Series	WR15
Connector-In Polarity	Standard
Connector-In Gender	Waveguide
Connector-In Impedance (Ohm)	50
Connector-Out Series	WR15
Connector-Out Polarity	Standard
Connector-Out Gender	Waveguide
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Frequency Range	50GHz-75GHz
Return Loss or VSWR Input	3
Return Loss or VSWR Output	3
Gain, Typical (dB)	18
P-1dB (dBm)	-3
Noise Figure, Max (dB)	3.0
Voltage, DC Typ (Volts)	+6

Gwave Technology Inc

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Waveguide WR15 Low Noise Amplifier(LNA) | 18dB Gain | 2.5dB Noise Figure | 50 - 75GHz

P/N: LNA-50G75G-G18-WR15

Mechanical Data

Min. Mating Cycles	≥500
Body Material	Brass
Body Plating	Gold

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-20℃ to +50℃

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