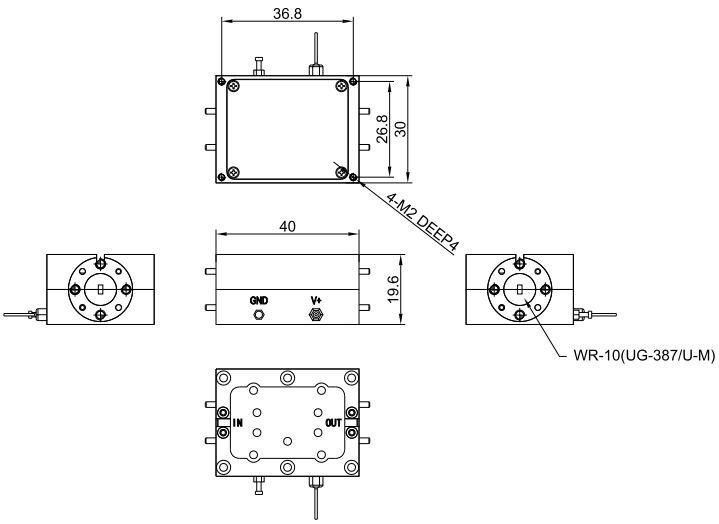
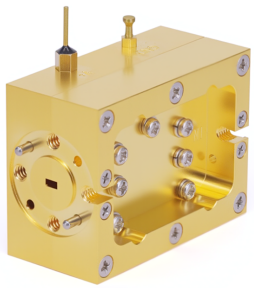
Datasheet

Waveguide WR10 Low Noise Amplifier(LNA) | 18dB Gain | 4dB Noise Figure | 75 - 110GHz

P/N: LNA-75G110G-G18-



Dimensions are in mm



Product Configuration

Connector-In Series	WR10
Connector-In Polarity	Standard
Connector-In Gender	Waveguide
Connector-In Impedance (Ohm)	50
Connector-Out Series	WR10
Connector-Out Polarity	Standard
Connector-Out Gender	Waveguide
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Frequency Range	75GHz-110GHz
Return Loss or VSWR Input	3
Return Loss or VSWR Output	3
Gain, Typical (dB)	18
P-1dB (dBm)	0
Voltage, DC Typ (Volts)	+6

Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

www.gwavetech.com

Waveguide WR10 Low Noise Amplifier(LNA) | 18dB Gain | 4dB Noise Figure | 75 - 110GHz

P/N: LNA-75G110G-G18-

Mechanical Data

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

Enviromental Specifications

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