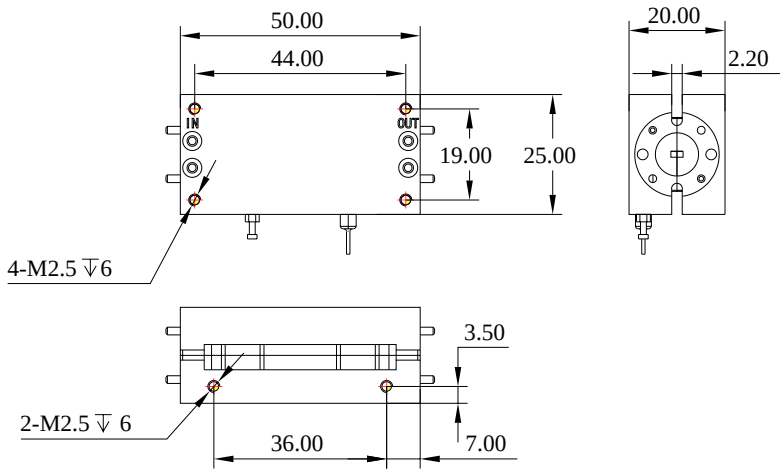
Waveguide WR10 Low Noise Amplifier(LNA) | 42dB Gain | 6dB Noise Figure | 75 - 110GHz

P/N: LNA-75G110G-G42-P0-



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)	42
P-1dB (dBm)	+1
Noise Figure, Max (dB)	6.0
Voltage, DC Typ (Volts)	+8
Max Input Power (dBm)	-10

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Mechanical Data

Min. Mating Cycles	≥500
Weight (g)	150 g
Body Material	Brass
Body Plating	Gold

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-20 to +50
Storage Temperature Range	-55 ºC to +125 ºC