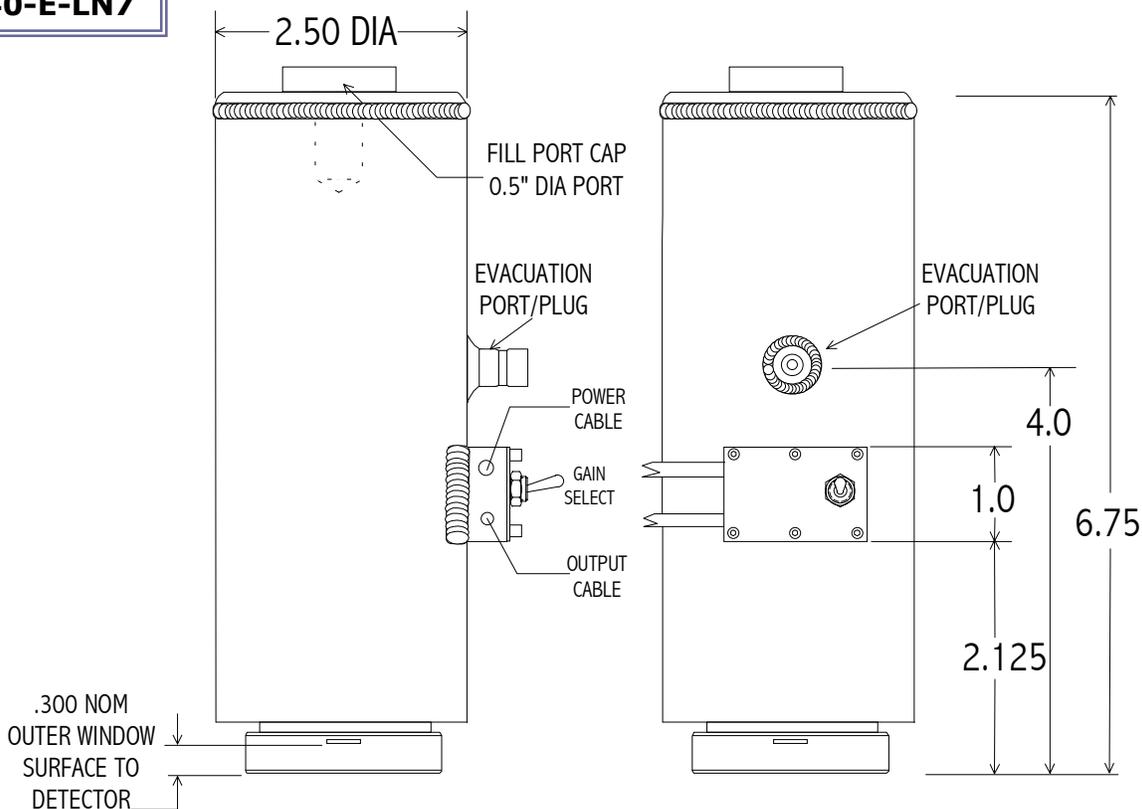


CRYOGENIC PHOTORECEIVER

Part Number:

IS-040-E-LN7



SPECIFICATIONS

Detector Type	InSb Photodiode
Active Area	4mm diameter
Spectral Range	1 – 5.5 μm
Responsivity	$3.5 \times 10^4 / 10^3 \text{ V/W @ Amplifier Output}$
Dark Current / DC Offset typ.	190 μA / 3V
Amplifier	Dual Gain Transimpedance Amp
Bandwidth	DC – 2500 Hz
D^* (pk, 1kHz, 1Hz)	$1.2 \times 10^{11} \text{ cm Hz}^{1/2} \text{ W}^{-1}$
Field of View	60° Nominal
Package	LN7 Downview Dewar
Hold Time	12 Hours Nominal
Connections	BNC Output; Shielded Power Cable