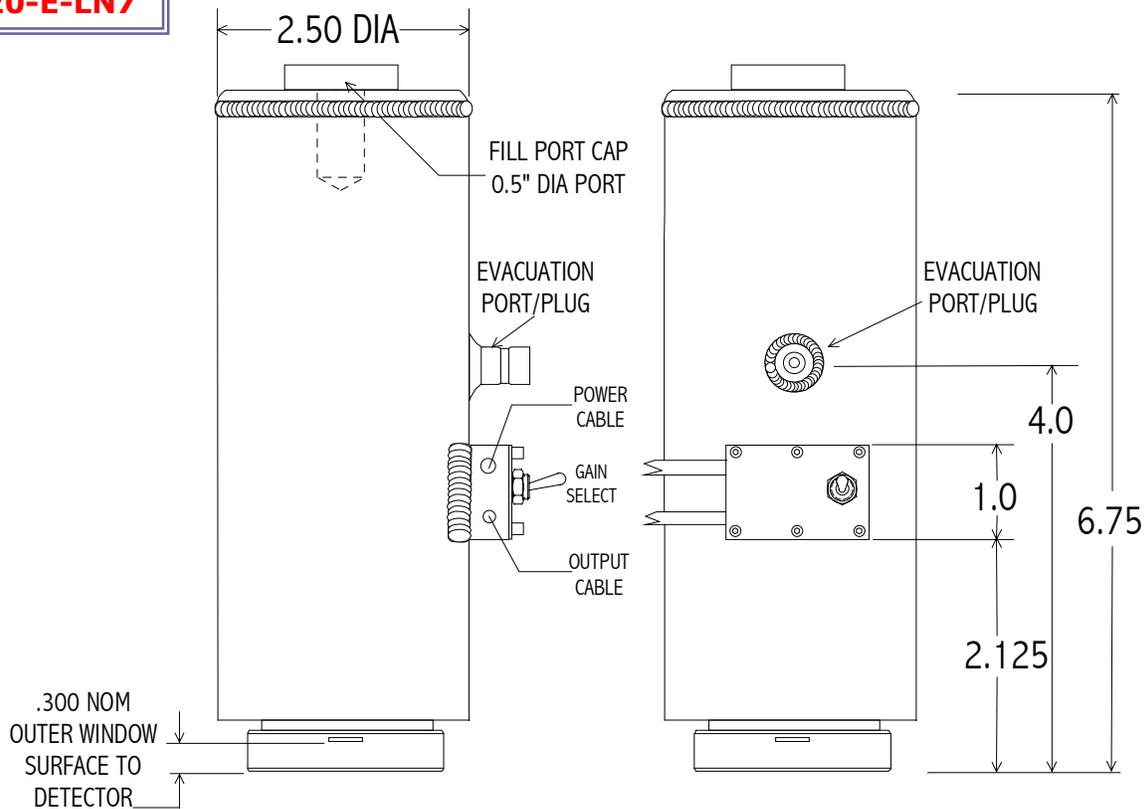


CRYOGENIC PHOTORECEIVER

Part Number:

IS-020-E-LN7



SPECIFICATIONS

Active Area	2 mm diameter
Spectral Range	1.0 – 5.5 μm
Shunt Resistance	> 200 $\text{K}\Omega$ @ 77K
Shunt Capacitance	1200 pF typical
NEP	< $1.5 \times 10^{-12} \text{ W/Hz}^{1/2}$ @ 77K
Responsivity @ 5.3 μm	$10^5 / 10^4 \text{ V/W}$ @ amp out
Dewar Hold Time	12 hours minimum with liquid N_2
Field of View	60° nominal
Amplifier	Dual-Gain Transimpedance
Bandwidth	DC – 2500 Hz
Connections	BNC signal coaxial cable with 3 lead shielded power cable. Red = +V, Black = -V, White/Shield = ground Note: A DB9 connector is provided on units purchased with optional PS-1 Low Noise Power Supply