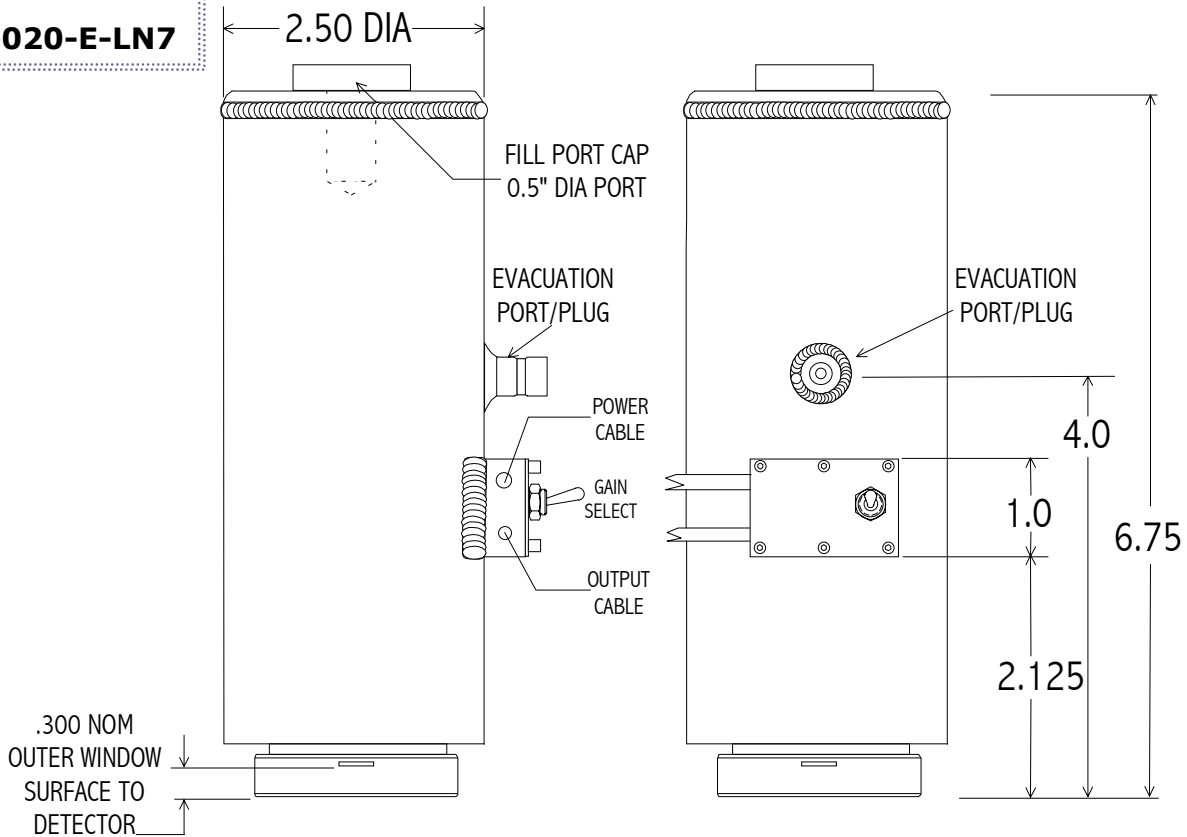


CRYOGENIC PHOTORECEIVER

Part Number:
IGA-020-E-LN7



SPECIFICATIONS

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Detector Type	2mm dia InGaAs Photodiode	
Operating Temperature (°C)	22	-196
Spectral Range, μm	1.0 - 1.7	1.0 - 1.5
Responsivity, V/W @ Amplifier Output	$0.9 \times 10^{10} / 0.9 \times 10^9$	$2.0 \times 10^{10} / 2.0 \times 10^9$
Bandwidth, Hz (-3dB)	DC - 150 / 500	DC - 150 / 500
NEP pk, W / Hz^{1/2}	5×10^{-14}	$1 \times 10^{-15} / 4 \times 10^{-15}$
Amplifier	Dual Gain Transimpedance	
Field of View	60° Nominal	
Package	LN7 Downview Dewar	
Hold Time	12 Hours Nominal	
Connections	BNC Output; Shielded Power Cable	