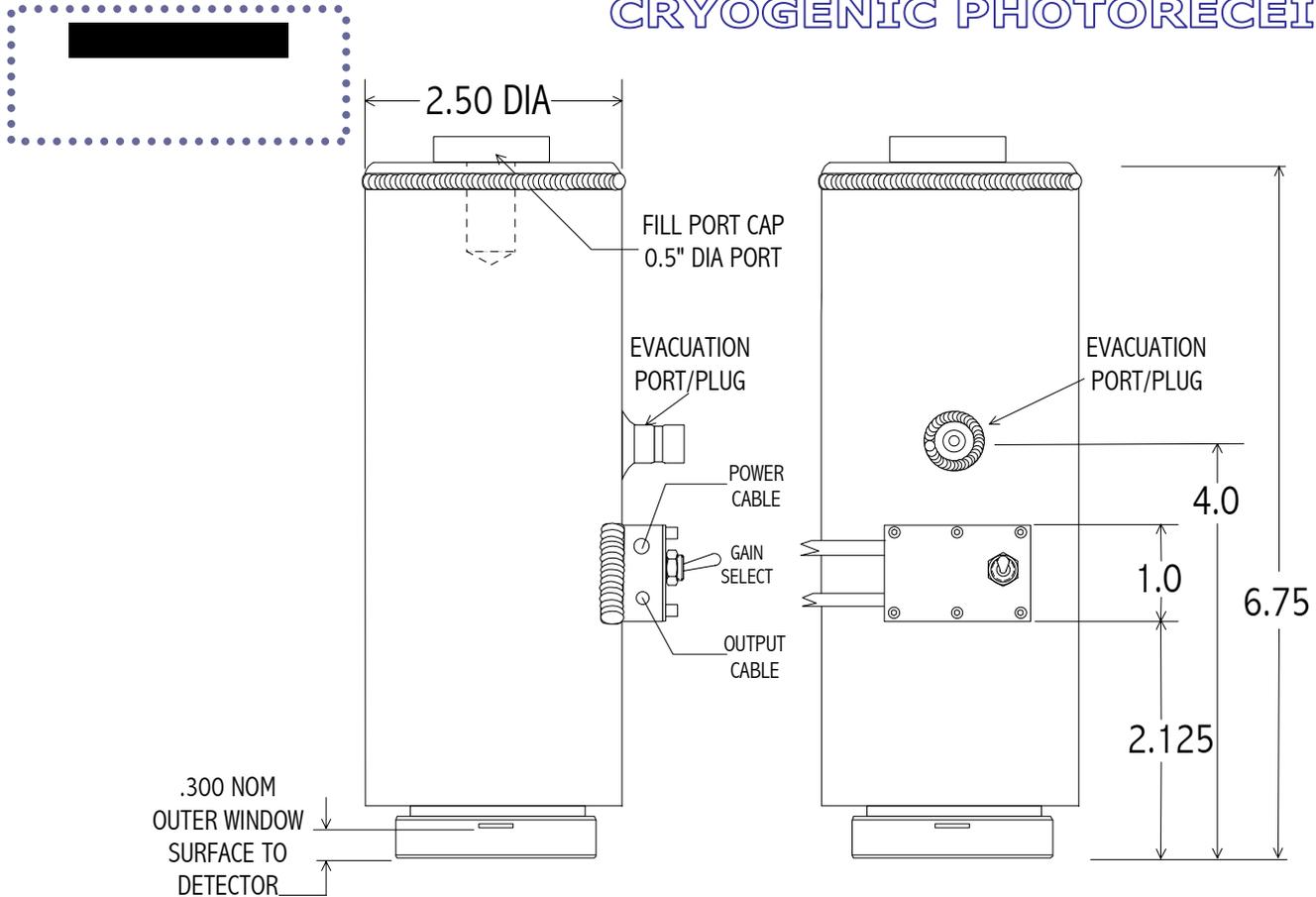


CRYOGENIC PHOTORECEIVER



Detector Type	1mm dia ex-InGaAs Photodiode	
Operating Temperature (°C)	22	-196
Spectral Range, μm	1.3 - 2.5	1.3 - 2.3
Responsivity, V/W @ Amplifier Output	$10^9 / 10^8$	$2.0 \times 10^9 / 2.0 \times 10^8$
Bandwidth, Hz (-3dB)	DC - 500 / 2500	DC - 500 / 2500
NEP pk, W / Hz^{1/2}	5×10^{-12}	$< 1 \times 10^{-13}$
Amplifier	Dual Gain Transimpedance	
Field of View	60° Nominal	
Package	LN7 Downview Dewar	
Hold Time	12 Hours Nominal	
Connections	BNC Output; Shielded Power Cable	