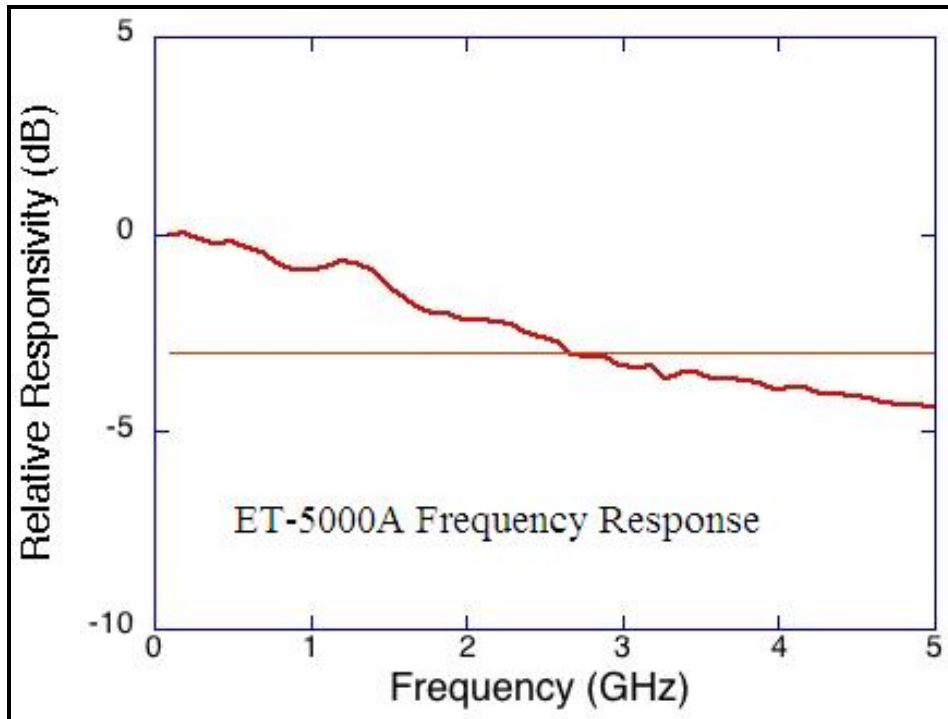
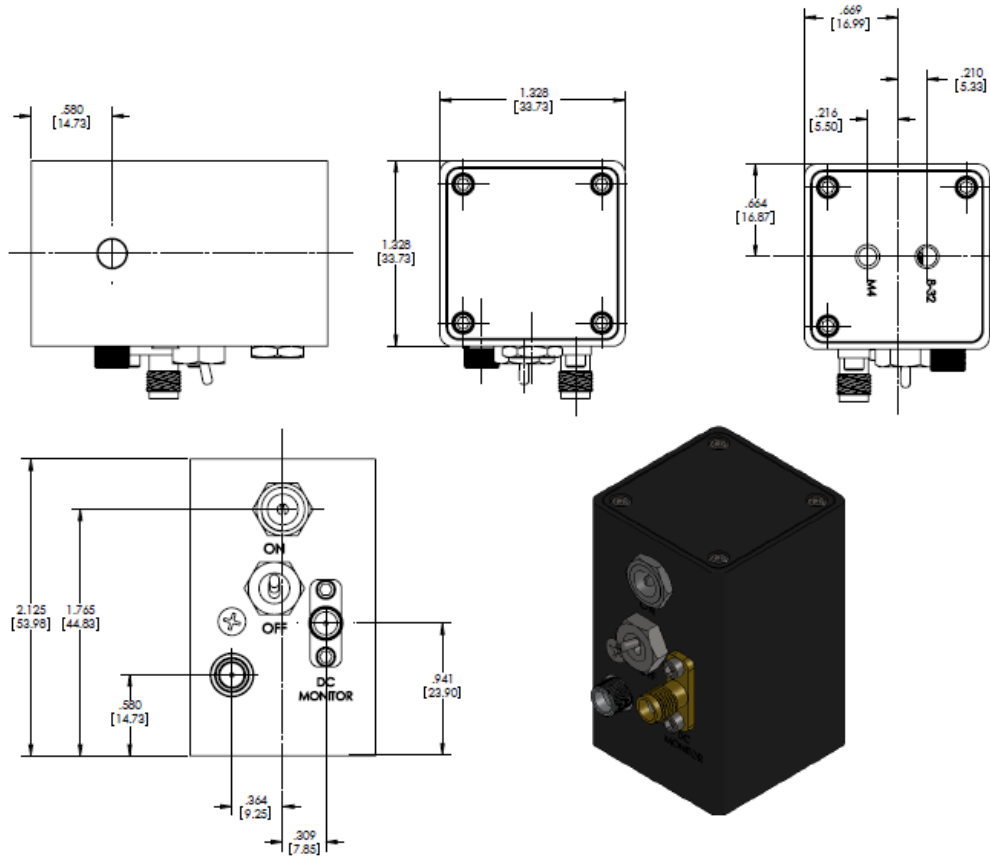


2 μ m Amplified High Speed Detector



Features:	Benefits:
• Responsivity out to 2100nm	• Allows monitoring of Tm and Ho lasers
• Rise Time and Fall Time <250ps	• Pulse width measurement of sub ns lasers
• Available with free space or FC/UPC input	• Suitable for free space or fiber laser

Part No. (Model) ^a	120-10115-0001 (ET-5000A)	120-10116-0001 (ET-5000AF)
Spectral Range	830 – 2100nm	830 – 2100nm
Detector Material	InGaAs	InGaAs
Detector Type	PIN	PIN
Risetime	<250ps	<250ps
Falltime	<250ps	<250ps
Conversion Gain	1600 V/W at 2000nm	1600 V/W at 2000nm
Bandwidth	20kHz – 1.5GHz	20kHz – 1.5GHz
Photodiode Active Area Dia.	55 μ m	55 μ m
NEP @ 2.0 μ m:	<20pW/sqrt(Hz)	<20pW/sqrt(Hz)
Power Supply	5V	5V
Mounting (Tapped Hole)	8-32 or M4	8-32 or M4
Fiber Optic Connection	N/A	FC/UPC (SMF-28e)
Notes:		
a. Product specifications and pricing subject to change without notice.		



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