



## **SPECIFICATIONS**

Input Optical Power	40 mW max.	
Operating Wavelength	1525 to 1610 nm	
Insertion Loss	≤ 7.5 dB	
Extinction Ratio	≥ 25 dB	
Optical Return Loss	≤ -45 dB	
S21 Bandwidth	≥ 20 GHz	
S11 Return Loss (RF Port)	≤ -10 dB @ 20 GHz	
Vπ @ 20 Gb/s	≤ 3.5 V	
RF Input Power	22 dBm max.	
Vπ (Bias Port)	≤ 4.0 V @ 1 kHz	
Impedance (Bias Port)	> 1 MΩ	
PD Responsivity	0.01 ~ 0.4 A/W	

## GENERAL

Operating Temperature (standard)	-10 °C to +70 °C
Storage Temperature	-30 °C to +80 °C
Operating Humidity	0% to 90% Relative Humidity
Input/Output Fiber Type	PANDA, PM 1550, 400 µm coating
Input/Output Connector	PM FC/APC
RF Port connectors	GPPO Connector
Cabling	900 μm loose tube
Dimensions	90mm x 7mm x 13.5 mm

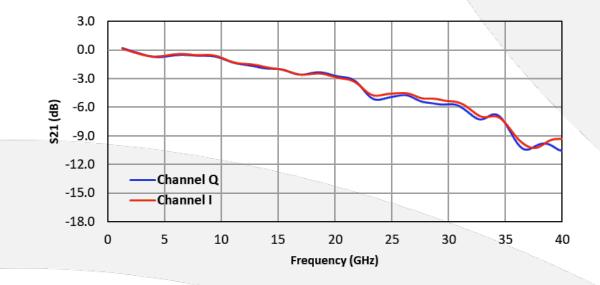


**MECHANICAL** 

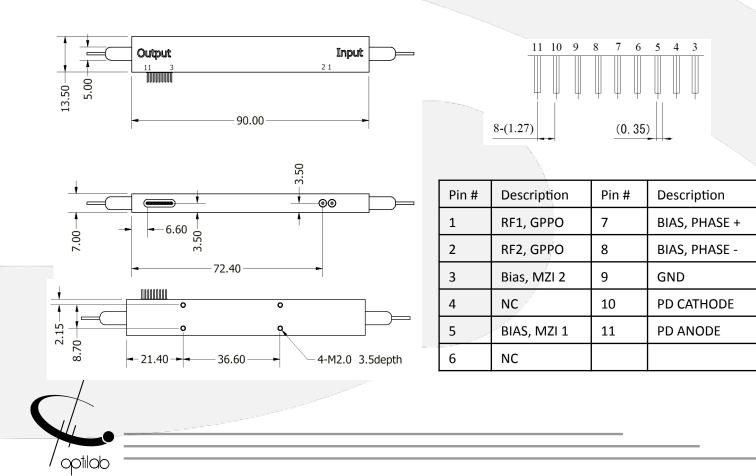
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## **TYPICAL S21 CHARACTERISITICS**



## **MECHANICAL DRAWING**



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