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SPECIFICATIONS	Input Optical Power	100 mW max.
GENERAL	Operating Wavelength	1525 to 1610 nm
	Chirp Value	<± 0.2 (zero chirp design)
	Insertion Loss	4 dB typ., 4.5 dB max.
	Extinction Ratio	≥ 25 dB, ≥30 dB (HE Version)
	Optical Return Loss	≤ -45 dB
	S21Bandwidth (RF Port)	27 GHz typ. 🖻 -3 dB, 55 GHz typ. 🖲 -6 dB
	S11 Return Loss (RF Port)	≤ -10 dB
	Vπ (RF Port)	3.0 V typ. 🖲 10 GHz; 5.5 V typ. 🖲 50 GHz
	RF Input Power	27 dBm max.
	Impedance (RF Port)	50 Ω typ.
	S21 Bandwidth (Bias Port)	500 MHz typ.
	Vπ (Bias Port)	≤ 2 V @ 1 KHz
	Impedance (Bias Port)	> 1 MΩ
	PD Responsivity	40 – 100 mA/W typ.

ANOLOG LINK	IIP3 @7 GHz	23 dBm typ.
PERFORMANCE	1 dB Compression Point @10 GHz	9 dBm typ.

Operating Temperature (standard)	-30 °C to +60 °C	
Operating Temperature (TQ version)	-55 °C to +75 °C	
Storage Temperature	-60 °C to +90 °C	
Operating Humidity	0% to 90% Relative Humidity	
Input/Output Fiber Type	PANDA – PM 1550	
Input/Output Connector	PM FC/APC or PM FC/UPC	
Waveguide Process	Ti-indiffused	
Bias Port Connector	2 PINS	
TAP PD Connector	2 PINS	
RF Port connectors	V Connector	
Cabling	900 µm tubing	
Dimensions	72 mm x 16 mm x 7 mm	



MECHANICAL

