

**Summary Test Data
ON
APD-8-1G6G-292FF**

Customer: _____
SO No: _____
Model No: APD-8-1G6G-292FF
Serial No: PL59290/2617

Tested By: K. Wagaman
Temperature: -55 °C
Date: 4/24/2026
Drawing No: 27653743 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS +25°C	QA QC
1	Frequency Range:	1 GHz – 6 GHz	1 GHz – 6 GHz	
2	Insertion Loss:	1 to 2 GHz – 2 dB Max. 2 to 6 GHz - 2.5 dB Max.	1.35 dB 1.63 dB See Graph	
3	Isolation:	1 to 2 GHz – 10 dB Typ. 2 to 6 GHz - 20 dB Typ.	11.2 dB 19.9 dB See Graph	
4	VSWR: (Input)	1 to 2 GHz – 2.6:1 Max. 2 to 6 GHz - 2.1:1 Max.	2.27:1 1.68:1 See Graph	
5	VSWR: (Output)	1 to 2 GHz – 1.5:1 Max. 2 to 6 GHz - 1.7:1 Max.	1.25:1 1.51:1 See Graph	
6	Amplitude Balance:	1 to 2 GHz - ±0.5 dB Max. 2 to 6 GHz - ±0.3 dB Max.	±0.04 dB ±0.06 dB See Graph	
7	Phase Balance:	1 to 2 GHz - 3° Max. 2 to 6 GHz - 4° Max.	0.4° 0.5° See Graph	
8	Insertion Loss Flatness (Ref Line of Best Fit)	1 to 6 GHz - ± 1 dB Max.	±0.05 dB	

Note: Amplitude and Phase Balance are relative to J2 port.

* FOR ALL OTHER SPECIFICATIONS PLEASE SEE THE TYPICAL CHARACTERISTICS ON THE COMPANY WEBSITE

QA/QC Approval: _____

Date: _____





