

**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: +85 °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.	1.44 dB 1.75 dB See Graph	
3	Isolation:	1 to 2 GHz – 10 dB Typ. 2 to 6 GHz - 20 dB Typ.	11.2 dB 19.8 dB See Graph	
4	VSWR: (Input)	1 to 2 GHz – 2.6:1 Max. 2 to 6 GHz - 2.1:1 Max.	2.2:1 1.66:1 See Graph	
5	VSWR: (Output)	1 to 2 GHz – 1.5:1 Max. 2 to 6 GHz - 1.7:1 Max.	1.23:1 1.49:1 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° 0.6° 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: \_\_\_\_\_

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