

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

Customer: _____
SO No: _____
Model No: APD-8-1G6G-292FF-SPACE
Serial No: PL58412/2610

Tested By: K. Wagaman
Temperature: +25 °C
Date: 3/4/2026
Drawing No: 27653763 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	PMI QA5
2	Insertion Loss:	1 to 2 GHz – 2 dB Max. 2 to 6 GHz - 2.5 dB Max.	1.47 dB 1.56 dB See Graph	
3	Isolation:	1 to 2 GHz – 10 dB Typ. 2 to 6 GHz - 20 dB Typ.	11.3 dB 19.2 dB See Graph	
4	VSWR: (Input)	1 to 2 GHz – 2.6:1 Max. 2 to 6 GHz - 2.1:1 Max.	2.23:1 1.6:1 See Graph	
5	VSWR: (Output)	1 to 2 GHz – 1.5:1 Max. 2 to 6 GHz - 1.7:1 Max.	1.19:1 1.44:1 See Graph	
6	Amplitude Balance:	1 to 2 GHz - ±0.5 dB Max. 2 to 6 GHz - ±0.3 dB Max.	±0.08 dB ±0.07 dB See Graph	
7	Phase Balance:	1 to 2 GHz - 3° Max. 2 to 6 GHz - 4° Max.	1° 2.3° See Graph	
8	Insertion Loss Flatness (Ref Line of Best Fit)	1 to 6 GHz - ± 1 dB Max.	±0.07 dB	PMI QA5

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: *Jordan Boyd*

Date: *3-4-26*

7308-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com





