

**Summary Test Data
ON
APD-8-0R523G-292FF**

Customer: _____
SO No: _____
Model No: APD-8-0R523G-292FF
Serial No: PL56713/2548

Tested By: K. Wagaman
Temperature: +25 °C
Date: 11/24/2025
Drawing No: 27639020 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 QA4
2	Insertion Loss:	1 to 6 GHz – 2.0 dB Max.	1.76 dB See Graph	
3	Isolation:	1 to 2 GHz – 10 dB Typ. 2 to 6 GHz - 20 dB Typ.	11 dB 20.7 dB See Graph	
4	VSWR: (Input)	1 to 2 GHz – 2.6:1 Typ. 2 to 6 GHz - 2.1:1 Max.	2.23:1 1.83:1 See Graph	
5	VSWR: (Output)	1 to 2 GHz – 1.5:1 Max. 2 to 6 GHz - 1.7:1 Max.	1.17:1 1.48:1 See Graph	
6	Amplitude Balance:	1 to 2 GHz - ±0.5 dB Max. 2 to 6 GHz - ±0.3 dB Max.	±0.05 dB ±0.07 dB See Graph	
7	Phase Balance:	1 to 2 GHz - 5° Max. 2 to 6 GHz - 4° Max.	0.7° 1° See Graph	
8	Average Power:	25 Watts (+44dBm) (Into 1.2:1 Load VSWR)	See Typical Characteristics	

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

QA/QC Approval:

Cameron Kelum

Date: 11/24/25

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