SUMMARY TEST DATA
ON
APD-4-122-292FF

Customer:
SO No:
Model No: APD-4-122-292FF
Serial No: PL54541/2531

Tested By: K Craven
Temperature: +25 C
Date: 7/28/2025
Drawing No: 27634440 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	1 GHz – 22 GHz	1 GHz – 22 GHz	PMI QA
2	Insertion Loss	1-18 GHz – 3.0 dB MAX. 18-22 GHz – 3.5 dB MAX. See Plots	2.2 dB 3 dB (See Plot)	
3	Isolation	1-2 GHz – 12 dB TYP. 2-22 GHz –18 dB TYP.	12.2 dB MIN (1-2 GHz) 16.1 dB MIN (2-22 GHz) (See Plot)	
4	VSWR	INPUT 2.0:1 MAX. OUTPUT 1.85:1 MAX.	INPUT 1.96:1 OUTPUT 1.71:1 (See Plot)	
5	Amplitude Balance	0.3 dB TYP. 0.7 dB MAX	0.26 dB MAX -0.16 dB MIN. (See Plot)	
6	Phase Balance	1-18 GHz - 5° MAX 18-22 GHz - 8° MAX	3.07° MAX @1-18 GHz. -0.88° MIN.@1-18 GHz. 3.65° MAX @18-22 GHz -1.56° MIN.@18-22 GHz. (See Plot)	PMI QA

Note: Amplitude and phase balance are relative to J2 Port.

QA/QC Approval: Cameron Kelly

Date: 7/30/25

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Email: sales@pmi-rf.com

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Insertion Loss At 25°C

Isolation At 25°C

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