



**SUMMARY TEST DATA
ON
PDT-8G12G-40-515-SFF**

Customer: _____
 SO No: _____
 Model No: PDT-8G12G-40-515-SFF
 Serial No: PL48034/2435

Tested By: K. Wagaman
 Temperature: 25°C
 Date: 8/30/2024
 Drawing No: 27630580 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	8 GHz to 12 GHz	8 GHz to 12 GHz	PMI QA4
2	Insertion Loss	2 dB Max., 8-10 GHz 2.3 dB Max., 10-12 GHz	1.68 dB 1.88 dB	
3	Isolation	40 dB Min.	51.6 dB	
4	Input Power	40 dBm CW Max Operating	Pass See Typical Characteristics	
5	Operating Power Peak	57 dBm Max 1 uS Pulse Width 1% Duty	Pass See Typical Characteristics	
6	VSWR: In/Out	1.8:1 Typ.	1.51:1 In 1.56:1 Out	
7	Switching Speed Max	200 ns Max.	Pass See Typical Characteristics	
8	Power Supply	5 V @ 100 mA -15 V @ 60 mA	5 V @ 46 mA -15 V @ 0 mA	
9	Control Signal	TTL LOGIC '1' : J0-J1 Low Loss '0' : J0-J2 Low Loss	Pass	PMI QA4

QA/QC Approval: *Cameron Kelly*

Date: 8/30/24

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@quanticpmi.com



