



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDT-8G12G-40-515-SFF  
 Serial No: PL51129/2504

Tested By: K. Wagaman  
 Temperature: +25° C, -54° C  
 Date: 1/22/2025  
 Drawing No: 27630580      Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		QA QC
			+25° C	-54° C	
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	1.66 dB 1.9 dB See Graph	1.61 dB 1.83 dB See Graph	
3	Isolation:	40 dB Min.	50.9 dB See Graph	51.7 dB See Graph	
4	VSWR:	1.8:1 Typ.	1.36:1 In 1.5:1 Out See Graph	1.38:1 In 1.5:1 Out See Graph	
5	Switching Speed:	200 ns Max.	Pass See Typical Characteristics	Pass See Typical Characteristics	
6	Input Power	40 dBm CW Avg.	Pass See Typical Characteristics	Pass See Typical Characteristics	
7	Operating Peak Power:	57 dBm Max 1 $\mu$ s Pulse Width, 1% Duty Cycle.	Pass See Typical Characteristics	Pass See Typical Characteristics	
8	DC Supply:	+5 V @ 100 mA Max.. -15 V @ 100 mA Max.	+5V @ 26 mA -15 V @ 0 mA	+5 V @ 25 mA -15 V @ 0 mA	
9	Control:	Logic Table		Pass	
		CTL1	Function		
		1	J0-J1		
		0	J0-J2		

QA/QC Approval: *Cameron Kelum*

Date: 2/13/25

