



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDT-8G12G-40-515-SFF  
 Serial No: PL42058/2336

Tested By: K. Wagaman  
 Temperature: 25°C  
 Date: 7/9/2024  
 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 QA2	
2	Insertion Loss	2 dB Max., 8-10 GHz 2.3 dB Max., 10-12 GHz	1.62 dB 1.92 dB		
3	Isolation	40 dB Min.	42.8 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.	1.5:1 In 1.68:1 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 QA2

QA/QC Approval:       PMI  
QA2

Date: 7/10/2024

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