



**SUMMARY TEST DATA**  
ON  
**P2T-2G18G-55-T-512-SFF-LV-SP-QB**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-2G18G-55-T-512-SFF-LV-SP-QB  
 Serial No: PL43236/2349

Tested By: S. O'Neill  
 Temperature: 25°C  
 Date: 8/1/2024  
 Drawing No: 27644020 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA2
2	Insertion Loss	3 dB Max.	2.94 dB	
3	Isolation	55 dB Min.	78 dB	
4	VSWR: In/Out	2:1 Max., Unconditionally Stable for Any Input/Output VSWR Load	1.89:1 In 1.91:1 Out	
5	Input Power	23 dBm CW Max Operating 27 dBm CW Max Survival	Pass See Typical Characteristics	
6	Switching Speed Max	50 ns Max. Ton - 50% TTL to 90% RF Toff - 50% TTL to 10% RF	Pass See Typical Characteristics	
7	Switching Rate PRF	5MHz	Pass See Typical Characteristics	
8	Video Transients	50 mv P-P Max., 300MHz BW	Pass See Typical Characteristics	
9	Control Signal	TTL LOGIC (c11,c12) 00: J2&J3 ON 01: J1-J2 10: J1-J3 11: All Off	Pass	
10	Power Supply	5 V @ 80 mA Typ -12 V @ 80 mA Typ	5 V @ 23 mA -12 V @ 64 mA	PMI QA2

QA/QC Approval:  PMI QA2

Date: 8/2/2024

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



