

**SUMMARY TEST DATA  
ON  
P2T-100M50G-100-T**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: P2T-100M50G-100-T  
Serial No: PL49586/2441

Tested By: S. O'Neill  
Temperature: +25°C  
Date: 10/11/2024  
Drawing No: 26927766 REV: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
			+25°C	
1	Frequency Range:	0.1 to 50 GHz	Spec 0.1 to 50 GHz	PMI QA4
2	Insertion Loss:	4.5 dB (0.1 to 18 GHz) Max. 6.0 dB (18 to 40 GHz) Max. 8.5 dB (40 to 50 GHz) Max.	3.2 dB	
			4.94 dB	
			6.96 dB	
			See Graphs	
3	VSWR:	2.2:1 (0.1 to 18 GHz) Max. 2.5:1 (18 to 40 GHz) Max. 3.0:1 (40 to 50 GHz) Max.	1.77 :1	
			2 :1	
			2.06 :1	
			See Graphs	
4	Isolation:	85 dB (1 to 18 GHz) Min. 85 dB (18 to 40 GHz) Min. 70 dB (40 to 50 GHz) Min.	97.65 dB	
			89.76 dB	
			82.7 dB	
			See Graphs	
5	Input Power:	20 dBm CW Max.	Pass See Typical Characteristics	
6	Switching Speed:	50 ns Max.	Pass See Typical Characteristics	
7	Control Signal:	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	Pass	
8	DC Voltage:	+5 VDC @ 100 mA Max. -5 VDC @ 100 mA Max.	+5 VDC @ 88 mA -5 VDC @ 64 mA	PMI QA4

QA/QC Approval:

*Cameron Kelly*

Date:

10/11/24



