



**SUMMARY TEST DATA
ON
P2T-50M40G-95-T-515-292MF-OPT27G**

PL23142/1831

Customer: _____ Tested By: S. O'Neill
SO No: _____ Temperature: +25°C
Model No: P2T-50M40G-95-T-515-292MF-OPT27G Date: 3/6/2025
Serial No: PL23142/1831 Drawing No: 27625533 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.05 TO 27 GHz	0.05 TO 27 GHz	PMI QA2
2	Isolation	100 dB Typ. 95 dB Min. (0.05 TO 18 GHz) 95 dB Typ. 80 dB Min. (18 TO 27 GHz)	95 dB 93 dB See Plot	
3	Insertion Loss	6 dB Max. 4 dB Typ. (0.05 TO 18 GHz) 5 dB Typ. (18 TO 27 GHz)	4.4 dB See Plot	
4	VSWR (In/Out)	2.5:1 Max. 2.0:1 Typ.	2.3:1 See Plot	
5	Input Power	+20 dBm CW Max.	+ 20 dBm CW	
6	Switching Speed	100 ns Max.	87ns See Typical Characteristics	
7	DC Voltage	+5 VDC @ 120 mA Typ. -15 VDC @ 65 mA Typ.	+5 VDC @ 65 mA -15 VDC @ 60 mA	
8	Control Signal	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	Pass	PMI QA2

QA/QC Approval:  PMI QA2 Date: 3/17/2025



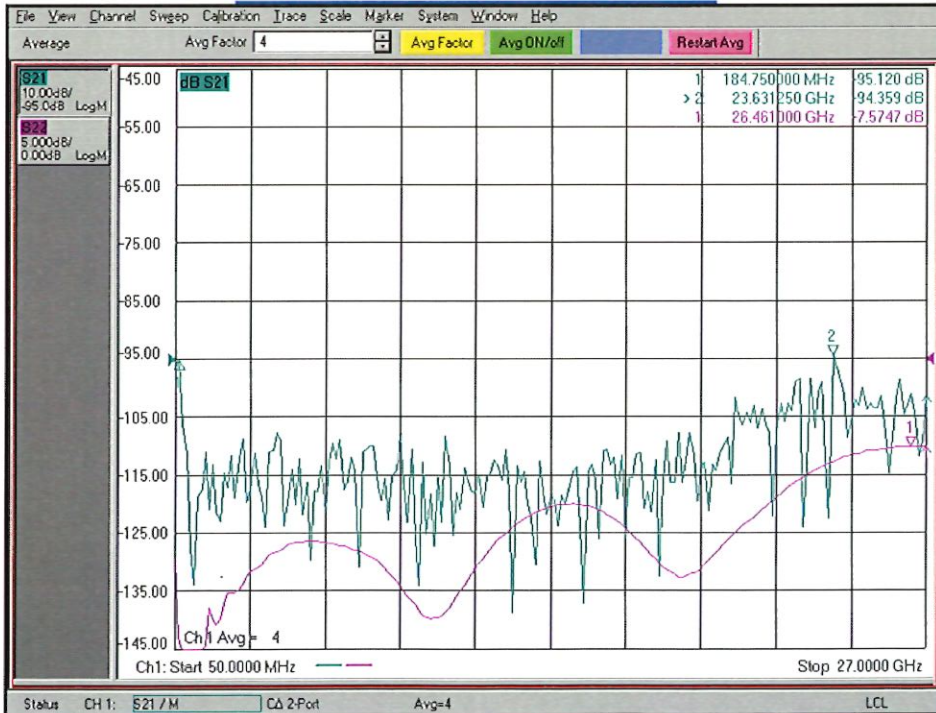
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J1-J2 Insertion Loss and Return Loss



J1-J2 Isolation and Return Loss





**SUMMARY TEST DATA
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J1-J3 Insertion Loss and Return Loss



J1-J3 Isolation and Return Loss

