

**SUMMARY TEST DATA
ON
P8T-100M40G-85-T-512-292FF-ROHS**

Customer: _____
SO No: _____
Model No: P8T-100M40G-85-T-512-292FF-ROHS
Serial No: PL52811/2518

Tested By: S. O'Neill
Temperature: +25°C
Date: 5/2/2025
Drawing No: 27633460 Rev: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.1GHz to 40GHz	0.1GHz to 40GHz	PMI Q.A.A
2	Insertion Loss:	6dB Typ. (0.1 to 18 GHz)	5.18 dB (0.1 to 18 GHz)	
		7dB Typ. (18 to 26.5 GHz)	6.58 dB (18 to 26.5 GHz)	
		9dB Typ. (26.5 to 40 GHz)	7.59 dB (26.5 to 40 GHz)	
		10dB MAX	See Graphs	
3	Isolation:	90dB Min (0.1 to 18 GHz)	92.46 dB (0.1 to 18 GHz)	
		80dB Min (18 to 26.5 GHz)	83.89 dB (18 to 26.5 GHz)	
		70dB Min (26.5 to 40 GHz)	82.83 dB (26.5 to 40 GHz)	
			See Graphs	
4	VSWR:	2.5:1 Typ.	2.29 :1 See Graphs	
5	Operating Input Power:	+20 dBm CW Max.	Pass See Typical Characteristics	
6	Switching Speed:	100ns Max	Pass See Typical Characteristics	
7	Control TTL	Logic "0" = Insertion Loss Logic "1" = Isolation	Pass	
8	Power Supply:	+5 VDC @ 250 mA -12 VDC @ 100 mA	+5 VDC @ 215 mA -12 VDC @ 71 mA	PMI Q.A.A

QA/QC Approval: _____

Carmen Kelly

Date: 5/5/25



