

SUMMARY TEST DATA ON PDVAN-5010-60-8

Customer: _____

Tested By: K. Mansfield

Job No: _____

Date: Friday, September 19, 2025

Model No: PDVAN-5010-60-8

Temperature: +25° C

Serial No: PL55418/2538

Drawing No: 27623766

Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	5.0 GHz to 11.0 GHz	5.0 GHz to 11.0 GHz	PMI QA/QC
2	Mean Attenuation Range:	60 dB	63 dB	
3	Insertion Loss:	2.7 dB Max.	2.1 dB See Plot	
4	VSWR:	2.0:1 Max.	1.4:1 See Plot	
5	Power Rating:	+20 dBm CW Min (Operating) +30 dBm CW Max (Survival)	Pass	
6	Attenuation Flatness:	±0.60 dB @ 10 dB Attenuation ±0.90 dB @ 20 dB Attenuation ±1.5 dB @ 40 dB Attenuation ±1.6 dB @ 60 dB Attenuation	±0.29 dB @ 10 dB ±0.83 dB @ 20 dB ±1.73 dB @ 40 dB ±2.67 dB @ 60 dB See Plot	
7	Switching Speed:	500 nsec Max.	See Typical Characteristics	
8	Digital Control:	8 Bit Positive True, Binary TTL	Pass	
9	Monotonicity:	Guarenteed	Pass	
10	DC Supply:	+12V to +15V @ 150mA Max. -12V to -15V @ 75mA Max.	+12 VDC @ 38 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
10.00	10.64	-0.64	0.29
20.00	20.32	-0.32	0.83
30.00	29.98	0.02	1.33
40.00	40.14	-0.14	1.73
50.00	50.15	-0.15	2.07
60.00	60.12	-0.12	2.67
63.75	62.93	0.82	2.85

QA/QC Approval:

Carmering Kelim

Date: 9/22/25

