



Tested By: K. Mansfield

Job No:

Date: Friday, September 19, 2025

Model No: PDVAN-5010-60-8

Temperature: +25° C

Serial No: PL55419/2538

Drawing No: 27623766

Rev: A1

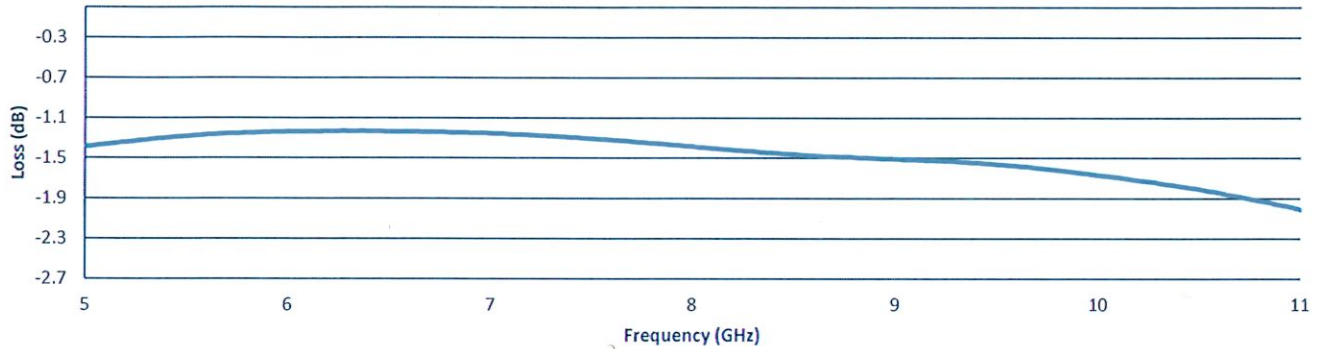
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	5.0 GHz to 11.0 GHz	5.0 GHz to 11.0 GHz	PW1 QA4
2	Mean Attenuation Range:	60 dB	63 dB	
3	Insertion Loss:	2.7 dB Max.	2 dB See Plot	
4	VSWR:	2.0:1 Max.	1.4:1 See Plot	
5	Power Rating:	+20 dBm CW Min (Operating) +30 dBm CW 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	±0.2 dB @ 10 dB ±0.75 dB @ 20 dB ±1.84 dB @ 40 dB ±2.83 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 @ 39 mA -12 VDC @ 0 mA	PW1 QA4

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
10.00	10.46	-0.46	0.20
20.00	20.26	-0.26	0.75
30.00	29.86	0.14	1.35
40.00	39.84	0.16	1.84
50.00	50.18	-0.18	2.30
60.00	60.07	-0.07	2.83
63.75	62.72	1.03	3.08

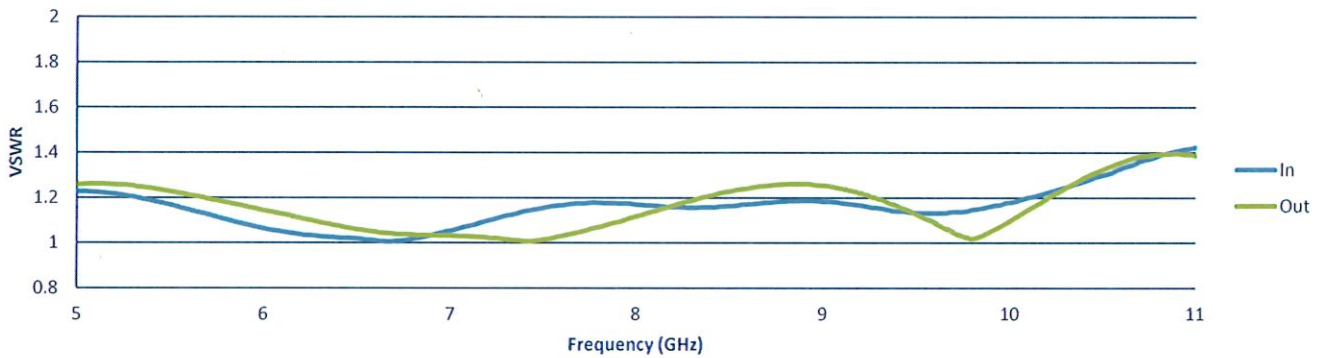
QA/QC Approval:

Date: 9/22/25

Insertion Loss



VSWR



Attenuation vs. Frequency

