



SUMMARY TEST DATA ON PDVAN-6012-60-8

Customer: _____
 Job No: _____
 Model No: PDVAN-6012-60-8
 Serial No: PL34745/2146

Tested By: K. Wagaman
 Date: Wednesday, November 17, 2021
 Temperature: +25° C
 Drawing No: 27618149 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	6 GHz to 12 GHz	6 GHz to 12 GHz	PMI QA2
2	Mean Attenuation Range:	60 dB	65 dB	
3	Insertion Loss:	2.8 dB Max.	2.2 dB See Plot	
4	VSWR:	2.0:1 Max.	1.7:1 See Plot	
5	Power Rating:	+20 dBm CW Min (Operating) +30 dBm CW Max (Survival)	Pass	
6	Attenuation Flatness:	±0.7 dB @ 10 dB Attenuation ±1.0 dB @ 20 dB Attenuation ±1.5 dB @ 40 dB Attenuation ±1.6 dB @ 60 dB Attenuation	±0.32 dB @ 10 dB ±0.5 dB @ 20 dB ±0.95 dB @ 40 dB ±1.22 dB @ 60 dB See Plot	
7	Switching Speed:	500 ns Max.	See Typical Characteristics	
8	Digital Control:	8 Bit Positive True, Binary TTL	Pass	
9	Monotonicity:	Guaranteed	Pass	
10	Power Supply:	+12V to +15V @ 150mA Max. -12V to -15V @ 75mA Max.	+12 VDC @ 40 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.17	0.08	0.02
10.00	10.55	-0.55	0.32
20.00	20.57	-0.57	0.50
30.00	30.72	-0.72	0.77
40.00	41.04	-1.04	0.95
50.00	51.35	-1.35	1.04
60.00	61.50	-1.50	1.22
63.75	64.54	-0.79	1.50

QA/QC Approval: _____

PMI
QA2

Date: 11/18/2021



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