

**SUMMARY TEST DATA**  
**ON**  
**PVVAN-8018-60-MP**

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PVVAN-8018-60-MP  
 Serial No: 92198  
 Part No: \_\_\_\_\_

Tested By: K. Mansfield  
 Temperature: +25° C  
 Date: Friday, May 24, 2019  
 Drawing No: 27619167 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	8.0 GHz to 18.0 GHz	8.0 GHz to 18.0 GHz	PMI QA 1	
2	Mean Attenuation Range:	60 dB	60.2 dB See Plot		
3	Insertion Loss:	3.7 dB Max.	3.1 dB See Plot		
4	VSWR:	2.0:1 Max	1.8:1 See Plot		
5	Power Rating:	+20 dBm (Operating) +30 dBm (Survival)	Pass		
6	Attenuation Flatness:	± 0.8 dB Typ. @ 10 dB ± 1.1 dB Typ. @ 20 dB ± 1.5 dB Typ. @ 40 dB ± 1.6 dB Typ. @ 60 dB	± 0.42 dB @ 10 dB ± 0.86 dB @ 20 dB ± 1.29 dB @ 40 dB ± 2.1 dB @ 60 dB See Plot		
7	Switching Time:	500 ns Max.	< 80 ns See Typical Characteristics		
8	Control:	10 dB / Volt Analog Controlled	Pass		
9	Power Supply:	+12 V to +15 V @ 125 mA Max. -12 V to -15 V @ 50 mA Max.	+12 VDC @ 28 mA -12 VDC @ 0 mA		PMI QA 1

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.12	0.12	0.42
2	20	19.94	-0.06	0.86
3	30	29.73	-0.27	1.17
4	40	39.91	-0.09	1.29
5	50	50.03	0.03	1.22
6	60	60.21	0.21	2.10

QA/QC Approval:  \_\_\_\_\_  
 PMI  
QA 1

Date: 5/24/19

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