

SUMMARY TEST DATA
ON
PVVAN-8018-60-MP

Customer: _____ Tested By: E. KRETZ
 Job No: _____ Temperature: +25° C
 Model No: PVVAN-8018-60-MP Date: Friday, July 05, 2019
 Serial No: 92259 Drawing No: 27619167 Rev: A1
 Part No: _____

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	59.1 dB See Plot		
3	Insertion Loss:	3.7 dB Max.	2.9 dB See Plot		
4	VSWR:	2.0:1 Max	1.9:1 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	± 0.67 dB @ 10 dB ± 1.18 dB @ 20 dB ± 1.67 dB @ 40 dB ± 2.03 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	0.67
2	20	19.70	-0.30	1.18
3	30	29.39	-0.61	1.53
4	40	39.28	-0.72	1.67
5	50	49.05	-0.95	1.62
6	60	59.13	-0.87	2.03

QA/QC Approval:  PMI QA 1

Date: 7/5/19

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