

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: 92257 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 QA1	
2	Mean Attenuation Range:	60 dB	59.3 dB See Plot		
3	Insertion Loss:	3.7 dB Max.	2.7 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	± 0.56 dB @ 10 dB ± 1.01 dB @ 20 dB ± 1.43 dB @ 40 dB ± 2 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 QA1

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.25	0.25	0.56
2	20	19.99	-0.01	1.01
3	30	29.70	-0.30	1.30
4	40	39.45	-0.55	1.43
5	50	49.51	-0.49	1.47
6	60	59.34	-0.66	2.00

QA/QC Approval:  _____ PMI QA1

Date: 7/5/19

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