



**SUMMARY TEST DATA
ON
PDVAT-0518-60-8-96**

Customer:
Job No:
Model No: PDVAT-0518-60-8-96
Serial No: PL26692/1940

Tested By: K. Mansfield
Date: Friday, October 04, 2019
Temperature: +25° C
Drawing No: 27621723 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA1
2	Insertion Loss:	4.0 dB Max.	3.4 dB See Plot	
3	Return Loss:	-12 dB Typ. -8.5 dB Max.	-13.3 dB See Plot	
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.49 dB See Plot	
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.4 dB See Plot	
6	Flatness @ 40 dB:	±3.0 dB Typ.	±0.82 dB See Plot	
7	Flatness @ 60 dB:	±5.0 dB Typ.	±4.56 dB See Plot	
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.07 dB See Plot	
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±0.26 dB See Plot	
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±0.24 dB See Plot	
11	Switching Speed:	1.5 us Max.	< 1.5 us See Typical Characteristics	
12	DC Supply:	+15 VDC @ 150 mA	140 mA	PMI QA1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.24	0.01	0.02
0.50	0.49	0.01	0.04
1.00	0.99	0.01	0.08
2.00	1.99	0.01	0.18
4.00	3.99	0.01	0.39
8.00	8.01	-0.01	0.59
16.00	16.07	-0.07	0.29
32.00	31.94	0.06	0.58
63.75	63.52		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.50
10.00	10.05	-0.05	0.49
15.00	14.98	0.02	0.29
20.00	20.00	0.00	0.40
25.00	24.97	0.03	0.48
30.00	29.97	0.03	0.54
35.00	34.87	0.13	0.63
40.00	39.96	0.04	0.82
45.00	44.74	0.26	1.22
50.00	49.93	0.07	1.79
55.00	54.97	0.03	2.99
60.00	59.76	0.24	4.56

QA/QC Approval: [Signature] PMI QA1

Date: 10/4/19



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