



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

Customer:
Job No:
Model No: PDVAT-0518-60-8-96
Serial No: PL30547/2044

Tested By: K. Mansfield
Date: Tuesday, October 27, 2020
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 QA 2	
2	Insertion Loss:	4.0 dB Max.	2.7 dB See Plot		
3	Return Loss:	-12 dB Typ. -8.5 dB Max.	-10.3 dB See Plot		
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.82 dB See Plot		
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.48 dB See Plot		
6	Flatness @ 40 dB:	±3.0 dB Typ.	±1.79 dB See Plot		
7	Flatness @ 60 dB:	±5.0 dB Typ.	±4.73 dB See Plot		
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.28 dB See Plot		
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±0.99 dB See Plot		
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±1.5 dB See Plot		
11	Switching Speed:	1.5 us Max.	< 1.5 us See Typical Characteristics		
12	DC Supply:	+15 VDC @ 150 mA	139 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	-0.31	-0.06	0.02
0.50	-0.59	-0.09	0.03
1.00	-1.15	-0.15	0.07
2.00	-2.20	-0.20	0.14
4.00	-4.14	-0.14	0.30
8.00	-8.03	-0.03	0.69
16.00	-16.01	-0.01	0.41
32.00	-31.67	0.33	0.90
63.75	-62.41		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	-5.12	-0.12	0.42
10.00	-10.02	-0.02	0.82
15.00	-14.92	0.08	0.44
20.00	-19.93	0.07	0.48
25.00	-24.85	0.15	0.62
30.00	-29.72	0.28	0.84
35.00	-34.51	0.49	1.12
40.00	-39.34	0.66	1.79
45.00	-44.13	0.87	2.24
50.00	-49.01	0.99	3.20
55.00	-53.68	1.32	4.10
60.00	-58.50	1.50	4.73

QA/QC Approval: PMI QA 2 Date: 10.28.2020



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

PL30547/2044

