



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


Customer:  
Job No:  
Model No: PDVAT-0518-60-8-96  
Serial No: PL30524/2043

Tested By: K. Mansfield  
Date: Friday, October 23, 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.	2.5 dB See Plot		
3	Return Loss:	-12 dB Typ. -8.5 dB Max.	-12 dB See Plot		
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.97 dB See Plot		
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.44 dB See Plot		
6	Flatness @ 40 dB:	±3.0 dB Typ.	±1.51 dB See Plot		
7	Flatness @ 60 dB:	±5.0 dB Typ.	±4.18 dB See Plot		
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.35 dB See Plot		
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±0.47 dB See Plot		
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±0.47 dB See Plot		
11	Switching Speed:	1.5 us Max.	< 1.5 us See Typical Characteristics		
12	DC Supply:	+15 VDC @ 150 mA	141 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	-0.32	-0.07	0.02
0.50	-0.61	-0.11	0.03
1.00	-1.19	-0.19	0.07
2.00	-2.27	-0.27	0.15
4.00	-4.28	-0.28	0.34
8.00	-8.29	-0.29	0.80
16.00	-16.31	-0.31	0.50
32.00	-32.32	-0.32	0.80
63.75	-64.71		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	-5.28	-0.28	0.47
10.00	-10.33	-0.33	0.97
15.00	-15.23	-0.23	0.56
20.00	-20.31	-0.31	0.44
25.00	-25.32	-0.32	0.52
30.00	-30.35	-0.35	0.71
35.00	-35.26	-0.26	1.00
40.00	-40.29	-0.29	1.51
45.00	-45.27	-0.27	2.02
50.00	-50.47	-0.47	2.85
55.00	-55.47	-0.47	3.58
60.00	-60.41	-0.41	4.18

QA/QC Approval:  PMI QA 2 Date: 10.23.2020



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