



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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PDVAT-0518-60-8-96  
 Serial No: PL30528/2043

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.	-10.7 dB See Plot		
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.86 dB See Plot		
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.42 dB See Plot		
6	Flatness @ 40 dB:	±3.0 dB Typ.	±1.88 dB See Plot		
7	Flatness @ 60 dB:	±5.0 dB Typ.	±4.91 dB See Plot		
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.82 dB See Plot		
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±1.98 dB See Plot		
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±2.75 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	-0.27	-0.02	0.02
0.50	-0.51	-0.01	0.03
1.00	-1.02	-0.02	0.07
2.00	-2.02	-0.02	0.14
4.00	-3.93	0.07	0.33
8.00	-7.80	0.20	0.74
16.00	-15.65	0.35	0.44
32.00	-31.07	0.93	0.86
63.75	-60.83		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	-4.90	0.10	0.45
10.00	-9.77	0.23	0.86
15.00	-14.59	0.41	0.49
20.00	-19.53	0.47	0.42
25.00	-24.35	0.65	0.56
30.00	-29.18	0.82	0.75
35.00	-33.90	1.10	1.15
40.00	-38.56	1.44	1.88
45.00	-43.34	1.66	2.40
50.00	-48.02	1.98	3.45
55.00	-52.64	2.36	4.35
60.00	-57.25	2.75	4.91

QA/QC Approval:  PMI QA 2  Date: 10.28.2020



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

PL30528/2043

