



## SUMMARY TEST DATA ON DTA-0R4G18G-60-CD-1

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-0R4G18G-60-CD-1  
 Serial No: PL27333/1951

Tested By: K. Mansfield  
 Date: Friday, March 25, 2022  
 Temperature: +25° C  
 Drawing No: 27637160 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC	
1	Frequency Range:	0.4 GHz – 18 GHz	0.4 GHz – 18 GHz	PMI QA 2	
2	Insertion Loss:	4.8 dB Max.	4.1 dB See Plot	PMI QA 2	
3	VSWR:	2.0:1 Max.	1.9:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.39 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±0.69 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±2.11 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.49 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±1.24 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±2.38 dB See Plot		
11	Switching Speed:	1.0 µs Max. On 0.5 µs Max. Off	< 1.0 us See Typical Characteristics		
12	DC Supply:	+15VDC @ 150 mA	110 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.06	0.01	0.01
0.125	0.12	0.01	0.01
0.25	0.25	0.00	0.02
0.50	0.51	-0.01	0.03
1.00	1.02	-0.02	0.08
2.00	2.02	-0.02	0.14
4.00	3.98	0.02	0.25
8.00	7.85	0.15	0.29
16.00	15.64	0.83	0.30
32.00	31.17	0.83	0.56
62.00	59.39	2.61	2.49
63.94	61.44	2.49	2.97

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.93	0.07	0.27
10.00	9.83	0.17	0.28
15.00	14.62	0.38	0.28
20.00	19.51	0.49	0.39
25.00	24.33	0.67	0.45
30.00	29.23	0.77	0.54
35.00	34.02	0.98	0.64
40.00	38.76	1.24	0.69
45.00	43.28	1.72	0.85
50.00	47.93	2.07	1.12
55.00	52.62	2.38	1.48
60.00	57.71	2.29	2.11

QA/QC Approval: 

PMI  
QA 2

Date: 3/25/2022



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