

**SUMMARY TEST DATA  
ON  
DTA-1G18G-60-CD-5V**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: DTA-1G18G-60-CD-5V  
Serial No: PL40903/2323

Tested By: K. Mansfield  
Date: 4/3/2024  
Temperature: +25° C  
Drawing No: 27648580 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	1 GHz – 18 GHz	1 GHz – 18 GHz	PMI QA2	
2	Insertion Loss:	4.8 dB Max.	4.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.65 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±0.83 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±2.14 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.38 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±1.02 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±1.36 dB See Plot		
11	Switching Speed:	1.0 us Max.	See Typical Characteristics		
12	DC Supply:	+5 VDC	291 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.08	-0.01	0.04
0.125	0.14	-0.01	0.05
0.25	0.26	-0.01	0.06
0.50	0.52	-0.02	0.07
1.00	1.02	-0.02	0.08
2.00	2.03	-0.03	0.14
4.00	4.03	-0.03	0.22
8.00	7.96	0.04	0.23
16.00	15.75	0.79	0.38
32.00	31.21	0.79	0.83
62.00	60.67	1.33	2.52
63.94	62.63	1.31	2.70

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.87	0.13	0.23
10.00	9.92	0.08	0.24
15.00	14.74	0.26	0.32
20.00	19.62	0.38	0.65
25.00	24.39	0.61	0.78
30.00	29.29	0.71	0.81
35.00	34.06	0.94	0.78
40.00	38.98	1.02	0.83
45.00	43.85	1.15	0.79
50.00	48.77	1.23	0.94
55.00	53.71	1.29	1.47
60.00	58.64	1.36	2.14

QA/QC Approval:  \_\_\_\_\_

PMI  
QA2

Date: 4/8/2024



