

**SUMMARY TEST DATA**  
**ON**  
**DTA-2G18G-60-12-CD-1-20DBM**

Customer: \_\_\_\_\_ Tested By: E. Kretz  
 Job No: \_\_\_\_\_ Date: Monday, October 21, 2024  
 Model No: DTA-2G18G-60-12-CD-1-20DBM Temperature: +25°C  
 Serial No: PL49607/2442 Drawing No: 27648840 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE @ 25°C	PASS/FAIL	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA2
2	Insertion Loss:	4.8 dB Max.	4.4 dB	PMI QA2
3	VSWR:	2.0:1 Max.	1.7:1	
4	Flatness to 20 dB:	±1.0 dB Typ. ±1.5 dB Max.	±0.46 dB	
5	Flatness to 40 dB:	±1.25 dB Typ. ±1.75 dB Max.	±0.69 dB	
6	Flatness to 60 dB:	±3.0 dB Typ. ±5.0 dB Max.	±2.72 dB	
7	Accuracy of Attenuation 0 to 20 dB:	±1.0 dB Max.	+0.18 dB -0.01 dB	
8	Accuracy of Attenuation 20 to 40 dB:	±1.5 dB Max.	+0.08 dB -0.02 dB	
9	Accuracy of Attenuation 40 to 60 dB:	±2.0 dB Max.	+1.74 dB -0.11 dB	
10	DC Supply:	+15VDC @ 150 mA Max.	118 mA	

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0103	0.01	0.01
0.0313	0.0265	0.00	0.01
0.0625	0.0551	0.01	0.01
0.125	0.119	0.01	0.01
0.25	0.26	-0.01	0.02
0.50	0.50	0.00	0.03
1.00	0.99	0.01	0.09
2.00	1.96	0.04	0.19
4.00	3.90	0.10	0.34
8.00	7.83	0.17	0.37
16.00	15.91	0.04	0.34
32.00	31.96	0.04	0.67

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.91	0.09	0.38
10.00	9.88	0.12	0.27
15.00	14.82	0.18	0.30
20.00	19.93	0.07	0.46
25.00	24.92	0.08	0.62
30.00	29.99	0.01	0.68
35.00	34.97	0.03	0.69
40.00	40.02	-0.02	0.69
45.00	45.07	-0.07	1.45
50.00	50.11	-0.11	2.27
55.00	54.30	0.70	2.62
60.00	58.26	1.74	2.72

QA/QC Approval:  PMI QA2 Date: 10/30/2024



