

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R4G18G-60-CD-1  
Serial No: PL58910/2614

Tested By: K. Mansfield  
Date: Tuesday, March 31, 2026  
Temperature: +25° C  
Drawing No: 27637160 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	PMI QA6
2	Insertion Loss:	4.8 dB Max.	4.5 dB See Plot	
3	VSWR:	2.0:1 Max.	1.8:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ., ±1.5 dB Max.	±0.49 dB See Plot	
5	Flatness to 40 dB:	± 1.25 dB Typ., ±1.75 dB Max.	±1.13 dB See Plot	
6	Flatness to 60 dB:	± 3.0 dB Typ., ±5.0 dB Max.	±3.66 dB See Plot	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Max.	±0.18 dB See Plot	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Max.	±0.38 dB See Plot	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Max.	±0.38 dB See Plot	
10	Minimum Attenuation Step:	0.0625 dB	0.0613 dB	
11	Switching Speed:	1.0 µs Max. On 0.5 µs Max. Off	See Typical Characteristics	
12	DC Power Supply:	+15 VDC @ 150 mA Max.	117 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.0613	0.00	0.03
0.125	0.108	0.02	0.04
0.25	0.21	0.04	0.05
0.50	0.46	0.04	0.07
1.00	0.99	0.01	0.07
2.00	1.98	0.02	0.14
4.00	3.97	0.03	0.24
8.00	8.06	-0.06	0.37
16.00	16.18	0.27	0.32
32.00	31.73	0.27	0.81
62.00	62.38	-0.38	4.12
63.94	64.95	-1.01	4.81

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.98	0.02	0.28
10.00	10.11	-0.11	0.35
15.00	15.15	-0.15	0.29
20.00	20.14	-0.14	0.49
25.00	24.98	0.02	0.68
30.00	29.87	0.13	0.78
35.00	34.69	0.31	0.89
40.00	39.62	0.38	1.13
45.00	44.71	0.29	1.44
50.00	49.82	0.18	1.88
55.00	55.00	0.00	2.61
60.00	60.36	-0.36	3.66

QA/QC Approval: Anthony Kavalis

PMI  
QA6

Date: 4/1/26





