

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R4G18G-60-CD-1  
Serial No: PL58911/2614

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.	4.4 dB See Plot	PMI QA6	
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ., ±1.5 dB Max.	±0.4 dB See Plot		
5	Flatness to 40 dB:	± 1.25 dB Typ., ±1.75 dB Max.	±1.18 dB See Plot		
6	Flatness to 60 dB:	± 3.0 dB Typ., ±5.0 dB Max.	±3.9 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.	±0.22 dB See Plot		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Max.	±1.14 dB See Plot		
10	Minimum Attenuation Step:	0.0625 dB	0.0598 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.	118 mA		PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.0598	0.00	0.02
0.125	0.108	0.02	0.03
0.25	0.22	0.03	0.05
0.50	0.46	0.04	0.06
1.00	0.96	0.04	0.09
2.00	2.00	0.00	0.13
4.00	4.00	0.00	0.21
8.00	8.01	-0.01	0.29
16.00	16.16	-0.10	0.30
32.00	32.10	-0.10	0.81
62.00	63.10	-1.10	4.37
63.94	65.33	-1.39	5.11

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.89	0.11	0.23
10.00	10.05	-0.05	0.31
15.00	15.10	-0.10	0.29
20.00	20.18	-0.18	0.40
25.00	25.11	-0.11	0.55
30.00	30.13	-0.13	0.73
35.00	35.05	-0.05	0.93
40.00	40.22	-0.22	1.18
45.00	45.30	-0.30	1.51
50.00	50.49	-0.49	2.02
55.00	55.86	-0.86	2.79
60.00	61.14	-1.14	3.90

QA/QC Approval: Anthony Kardos PMI QA6 Date: 4/1/26





