

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R4G18G-60-CD-1  
Serial No: PL58912/2614

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.	±0.41 dB See Plot		
5	Flatness to 40 dB:	± 1.25 dB Typ., ±1.75 dB Max.	±1.19 dB See Plot		
6	Flatness to 60 dB:	± 3.0 dB Typ., ±5.0 dB Max.	±4.12 dB See Plot		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Max.	±0.17 dB See Plot		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Max.	±0.16 dB See Plot		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Max.	±0.66 dB See Plot		
10	Minimum Attenuation Step:	0.0625 dB	0.056 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.	119 mA		PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.0560	0.01	0.02
0.125	0.108	0.02	0.03
0.25	0.22	0.03	0.05
0.50	0.47	0.03	0.06
1.00	0.98	0.02	0.09
2.00	2.02	-0.02	0.14
4.00	4.04	-0.04	0.21
8.00	8.05	-0.05	0.30
16.00	16.17	0.05	0.31
32.00	31.95	0.05	0.80
62.00	62.84	-0.84	4.75
63.94	65.07	-1.14	5.52

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.93	0.07	0.24
10.00	10.09	-0.09	0.32
15.00	15.13	-0.13	0.28
20.00	20.16	-0.16	0.41
25.00	25.05	-0.05	0.62
30.00	30.01	-0.01	0.73
35.00	34.89	0.11	0.93
40.00	39.94	0.06	1.19
45.00	45.04	-0.04	1.55
50.00	50.23	-0.23	2.10
55.00	55.36	-0.36	2.90
60.00	60.66	-0.66	4.12

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





