

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R4G18G-60-CD-1  
Serial No: PL39700/2308

Tested By: K. Mansfield  
Date: Thursday, September 7, 2023  
Temperature: +25° C  
Drawing No: 27637160 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC	
1	Frequency Range:	0.4 GHz – 18 GHz	0.4 GHz – 18 GHz	PMI QA1	
2	Insertion Loss:	4.8 dB Max.	4 dB See Plot	PMI QA1	
3	VSWR:	2.0:1 Max.	1.9:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.5 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±0.9 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±3.27 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.05 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.28 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±1.19 dB See Plot		
11	Switching Speed:	1.0 µs Max. On 0.5 µs Max. Off	< 1.0 us See Typical Characteristics		
12	DC Supply:	+15 VDC @ 150 mA Max.	115 mA		PMI QA1

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
			±dB
0.0625	0.07	-0.01	0.02
0.125	0.13	0.00	0.03
0.25	0.24	0.01	0.05
0.50	0.49	0.01	0.06
1.00	1.00	0.00	0.07
2.00	2.00	0.00	0.12
4.00	4.01	-0.01	0.22
8.00	8.01	-0.01	0.31
16.00	16.05	0.00	0.46
32.00	32.00	0.00	0.65
62.00	60.48	1.52	3.75
63.94	62.38	1.56	4.38

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
			±dB
5.00	4.98	0.02	0.25
10.00	10.01	-0.01	0.32
15.00	14.97	0.03	0.42
20.00	20.05	-0.05	0.50
25.00	25.00	0.00	0.57
30.00	30.04	-0.04	0.61
35.00	34.84	0.16	0.73
40.00	39.72	0.28	0.90
45.00	44.39	0.61	1.15
50.00	49.28	0.72	1.55
55.00	54.15	0.85	2.26
60.00	58.81	1.19	3.27

QA/QC Approval:  PMI QA1

Date: 9/7/23



