

**SUMMARY TEST DATA
ON
DTA-0R5G4G-60-CD-1**

Customer: _____

Tested By: K. Mansfield

Job No: _____

Temperature: +25°C

Model No: DTA-0R5G4G-60-CD-1

Date: Thursday, July 13, 2023

Serial No: PL41337/2328

Drawing No: 27613131 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC	
1	Frequency Range:	0.5 GHz - 4 GHz	0.5 GHz - 4 GHz	PMI QA2	
2	Insertion Loss:	2.7 dB Max.	2.1 dB See Graph		
3	VSWR:	1.8:1 Max.	1.4:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.2 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 0.89 dB See Ghaph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.59 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.17 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.51 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.56 dB See Graph		
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	See Typical Characteristics		
11	DC Supply:	+15VDC @ 150 mA Max.	+15 VDC @ 119 mA -15 VDC @ 0 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.06	0.00	0.02
0.13	0.12	0.01	0.02
0.25	0.25	0.00	0.03
0.50	0.48	0.02	0.04
1.00	0.98	0.02	0.04
2.00	1.95	0.05	0.04
4.00	3.96	0.04	0.02
8.00	7.91	0.09	0.06
16.00	15.83	0.17	0.12
32.00	31.49	0.51	0.55
62.00	60.97	1.03	2.86
63.94	63.59	0.35	3.46

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.03
10.00	10.02	-0.02	0.08
15.00	14.97	0.03	0.12
20.00	19.96	0.04	0.20
25.00	24.92	0.08	0.32
30.00	29.87	0.13	0.51
35.00	34.83	0.17	0.66
40.00	39.79	0.21	0.89
45.00	44.73	0.27	1.16
50.00	49.70	0.30	1.48
55.00	54.44	0.56	1.88
60.00	59.61	0.39	2.59

QA/QC Approval: _____

[Signature]

PMI
QA2

Date: _____

7/14/2023



