

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

Customer: _____
Job No: _____
Model No: DTA-0R5G4G-60-CD-1
Serial No: PL46085/2420

Tested By: K. Mansfield
Temperature: +25°C
Date: Tuesday, May 14, 2024
Drawing No: 27613131 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	0.5 GHz - 4 GHz	0.5 GHz - 4 GHz	PMI QA4
2	Insertion Loss:	2.7 dB Max.	1.9 dB See Graph	
3	VSWR:	1.8:1 Max.	1.4:1 See Graph	
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.25 dB See Graph	
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 0.55 dB See Ghaph	
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 1.97 dB See Graph	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.45 dB See Graph	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.58 dB See Graph	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.68 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	+15 VDC @ 110 mA	PMI QA4

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.07	0.00	0.02
0.13	0.12	0.00	0.03
0.25	0.25	0.00	0.03
0.50	0.54	-0.04	0.08
1.00	1.00	0.00	0.05
2.00	2.01	-0.01	0.05
4.00	4.08	-0.08	0.04
8.00	8.22	-0.22	0.17
16.00	16.38	-0.38	0.25
32.00	32.52	-0.52	0.29
62.00	62.46	-0.46	2.08
63.94	64.44	-0.51	2.15

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.90	0.10	0.06
10.00	10.28	-0.28	0.24
15.00	15.33	-0.33	0.24
20.00	20.45	-0.45	0.25
25.00	25.47	-0.47	0.23
30.00	30.53	-0.53	0.25
35.00	35.43	-0.43	0.37
40.00	40.58	-0.58	0.55
45.00	45.53	-0.53	0.78
50.00	50.60	-0.60	1.11
55.00	55.68	-0.68	1.50
60.00	60.56	-0.56	1.97

QA/QC Approval: *Cameron Kelly*

Date: 5/15/24



