

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R5G4G-60-CD-1  
Serial No: PL40273/2317

Tested By: K. Mansfield  
Temperature: +25°C  
Date: Monday, June 17, 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 QA2	
2	Insertion Loss:	2.7 dB Max.	2.3 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.	± 0.7 dB See Graph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.12 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.	± 0.46 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.31 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 @ 116 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.03	0.04	0.05
0.13	0.09	0.04	0.06
0.25	0.21	0.04	0.07
0.50	0.47	0.03	0.08
1.00	0.98	0.02	0.08
2.00	1.99	0.01	0.06
4.00	3.98	0.02	0.04
8.00	7.93	0.07	0.06
16.00	15.83	0.17	0.15
32.00	31.54	0.46	0.37
62.00	61.06	0.94	2.26
63.94	63.69	0.25	2.49

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.85	0.15	0.04
10.00	9.97	0.03	0.09
15.00	14.90	0.10	0.14
20.00	19.89	0.11	0.20
25.00	24.83	0.17	0.24
30.00	29.79	0.21	0.32
35.00	34.74	0.26	0.49
40.00	39.73	0.27	0.70
45.00	44.70	0.30	0.95
50.00	49.70	0.30	1.27
55.00	54.77	0.23	1.67
60.00	59.69	0.31	2.12

QA/QC Approval: [Signature]

PMI  
QA2

Date: 6/18/2024



