

**SUMMARY TEST DATA  
ON  
DTA-22G28G-50-CD-1**

Customer: \_\_\_\_\_ Tested By: K. Mansfield  
 SO No: \_\_\_\_\_ Date: 1/18/2024  
 Model No: DTA-22G28G-50-CD-1 Temperature: +25° C  
 Serial No: PL43954/2403 Drawing No: 27617397 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	22.5 to 27.5 GHz	22.5 to 27.5 GHz	PMI QA2 ↓
2	Attenuation Range:	0 to 51.175 dB	0 to -51.593 dB	
3	Insertion Loss:	3.5 dB Max.	3.2 dB See Plot	
4	VSWR:	2.2:1 Max.	1.5:1 See Plot	
5	Flatness to 20 dB:	± 1.0 dB Max.	±0.44 dB See Plot	
6	Flatness to 50 dB:	± 2.0 dB Max.	±0.68 dB See Plot	
7	Accuracy of Attenuation 0 to 30 dB:	± 1.0 dB Max.	±0.38 dB See Plot	
8	Accuracy of Attenuation 30 to 50 dB:	± 1.5 dB Max.	±0.42 dB See Plot	
9	Power Supply:	+15 V @ 100 mA Max.	24 mA	
10	Switching Speed:	500 nSec Max.	See Typical Characteristics	

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.800	0.79	0.01	0.06
1.600	1.59	0.01	0.11
3.200	3.29	-0.09	0.19
6.400	6.53	-0.13	0.31
12.800	13.02	-0.22	0.43
25.600	25.94	-0.34	0.39
50.400	50.80	-0.40	0.68
51.175	51.59	-0.42	0.29

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
4.00	4.09	-0.09	0.22
8.00	8.13	-0.13	0.36
12.00	12.23	-0.23	0.43
16.00	16.30	-0.30	0.44
20.00	20.31	-0.31	0.43
24.00	24.38	-0.38	0.40
28.00	28.36	-0.36	0.38
32.00	32.37	-0.37	0.36
36.00	36.39	-0.39	0.35
40.00	40.39	-0.39	0.35
44.00	44.42	-0.42	0.41
48.00	48.37	-0.37	0.54

QA/QC Approval: 

PMI  
QA2

Date: 1/25/2024



