

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R4G18G-60-CD-1  
Serial No: PL42561/2342

Tested By: K. Mansfield  
Date: Wednesday, October 18, 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 QA2	
2	Insertion Loss:	4.8 dB Max.	3.7 dB See Plot		
3	VSWR:	2.0:1 Max.	1.7:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.57 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.09 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±3.7 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.06 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.42 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±1.14 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.	118 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.07	-0.01	0.02
0.125	0.13	-0.01	0.03
0.25	0.25	0.00	0.05
0.50	0.50	0.00	0.06
1.00	1.00	0.00	0.08
2.00	2.00	0.00	0.12
4.00	4.01	-0.01	0.22
8.00	8.02	-0.02	0.30
16.00	15.99	0.31	0.47
32.00	31.69	0.31	1.01
62.00	60.47	1.53	4.17
63.94	62.32	1.62	5.01

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.25
10.00	10.03	-0.03	0.31
15.00	14.94	0.06	0.43
20.00	19.95	0.05	0.57
25.00	24.78	0.22	0.74
30.00	29.74	0.26	0.97
35.00	34.61	0.39	1.09
40.00	39.58	0.42	1.08
45.00	44.53	0.47	1.34
50.00	49.38	0.62	1.76
55.00	54.11	0.89	2.67
60.00	58.86	1.14	3.70

QA/QC Approval: 

PMI  
QA2

Date: 10/20/2023



