

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

Customer: _____
Job No: _____
Model No: DTA-0R4G18G-60-CD-1
Serial No: PL47118/2428

Tested By: K. Mansfield
Date: Friday, July 12, 2024
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 QA4	
2	Insertion Loss:	4.8 dB Max.	4.1 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.64 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±0.98 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±3.24 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.04 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.05 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.09 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.	127 mA		PMI QA4

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.06	0.00	0.02
0.125	0.12	0.01	0.04
0.25	0.25	0.00	0.05
0.50	0.50	0.00	0.07
1.00	0.99	0.01	0.08
2.00	2.00	0.00	0.12
4.00	4.00	0.00	0.23
8.00	8.01	-0.01	0.33
16.00	16.00	-0.02	0.47
32.00	32.02	-0.02	0.77
62.00	62.08	-0.08	3.73
63.94	64.09	-0.15	4.29

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.27
10.00	10.04	-0.04	0.33
15.00	14.96	0.04	0.44
20.00	20.02	-0.02	0.64
25.00	25.00	0.00	0.74
30.00	30.03	-0.03	0.77
35.00	35.04	-0.04	0.81
40.00	40.05	-0.05	0.98
45.00	45.04	-0.04	1.23
50.00	50.07	-0.07	1.62
55.00	54.99	0.01	2.26
60.00	60.09	-0.09	3.24

QA/QC Approval: Cameron Kelley

Date: 7/18/24



