



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27670/2005

Tested By: K. Mansfield
 Date: Friday, January 31, 2020
 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 QA 1	
2	Insertion Loss:	4.8 dB Max.	3.8 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.82 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.18 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.11 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.18 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.07 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:	+15VDC @ 150 mA	110 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.04	0.02	0.01
0.125	0.11	0.01	0.02
0.25	0.25	0.00	0.03
0.50	0.50	0.00	0.06
1.00	1.00	0.00	0.12
2.00	2.01	-0.01	0.21
4.00	4.01	-0.01	0.37
8.00	8.00	0.00	0.55
16.00	15.97	0.02	0.60
32.00	31.98	0.02	0.89
62.00	62.18	-0.18	5.02
63.94	63.93	0.01	5.79

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.82	0.18	0.42
10.00	10.00	0.00	0.59
15.00	14.92	0.08	0.61
20.00	19.95	0.05	0.82
25.00	24.93	0.07	0.99
30.00	29.96	0.04	0.85
35.00	34.97	0.03	0.96
40.00	39.97	0.03	1.18
45.00	44.91	0.09	1.45
50.00	50.02	-0.02	1.83
55.00	54.97	0.03	2.62
60.00	59.95	0.05	4.11

QA/QC Approval: PMI QA 1

Date: 2/7/20



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