



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27932/2008

Tested By: K. Mansfield
 Date: Thursday, February 27, 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.	4.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.7 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.21 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.71 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.1 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.	±0.16 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	113 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.05	0.01	0.01
0.125	0.11	0.01	0.01
0.25	0.24	0.01	0.03
0.50	0.49	0.01	0.06
1.00	1.00	0.00	0.11
2.00	2.02	-0.02	0.22
4.00	4.04	-0.04	0.44
8.00	8.05	-0.05	0.70
16.00	16.01	-0.03	0.53
32.00	32.03	-0.03	0.81
62.00	62.16	-0.16	5.97
63.94	64.31	-0.37	7.17

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.10	-0.10	0.60
10.00	10.04	-0.04	0.67
15.00	14.94	0.06	0.55
20.00	20.00	0.00	0.50
25.00	24.96	0.04	0.58
30.00	30.03	-0.03	0.73
35.00	35.00	0.00	0.93
40.00	40.05	-0.05	1.21
45.00	45.05	-0.05	1.71
50.00	50.16	-0.16	2.62
55.00	55.01	-0.01	3.24
60.00	60.03	-0.03	4.71

QA/QC Approval: *[Signature]* PMI QA 1

Date: 2/27/20



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