



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27927/2008

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.	3.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.9:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.55 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.23 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.77 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.03 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.09 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.23 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	111 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	dB
0.0625	0.04	0.02	±0.01
0.125	0.11	0.02	0.01
0.25	0.24	0.01	0.02
0.50	0.49	0.01	0.04
1.00	0.99	0.01	0.07
2.00	1.98	0.02	0.16
4.00	4.00	0.00	0.33
8.00	8.00	0.00	0.55
16.00	16.02	-0.09	0.44
32.00	32.09	-0.09	0.85
62.00	62.06	-0.06	5.57
63.94	64.17	-0.24	6.60

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	dB
5.00	4.97	0.03	0.42
10.00	10.00	0.00	0.48
15.00	14.97	0.03	0.46
20.00	20.03	-0.03	0.49
25.00	24.99	0.01	0.63
30.00	30.06	-0.06	0.79
35.00	35.03	-0.03	0.97
40.00	40.08	-0.08	1.23
45.00	45.09	-0.09	1.58
50.00	50.10	-0.10	2.14
55.00	55.12	-0.12	3.03
60.00	60.23	-0.23	4.77

QA/QC Approval:  PMI QA 1

Date: 2/27/20



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