



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27920/2008

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.	±1.11 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.54 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.	±0.08 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.14 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:	+15VDC @ 150 mA	111 mA		PMI QA 1

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0625	0.04	0.02	0.01
0.125	0.11	0.02	0.01
0.25	0.25	0.00	0.02
0.50	0.49	0.01	0.04
1.00	0.99	0.01	0.07
2.00	2.00	0.00	0.16
4.00	4.01	-0.01	0.34
8.00	8.01	-0.01	0.55
16.00	15.99	0.00	0.45
32.00	32.00	0.00	0.79
62.00	61.86	0.14	5.21
63.94	63.89	0.05	6.38

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.99	0.01	0.43
10.00	10.00	0.00	0.48
15.00	14.94	0.06	0.47
20.00	19.97	0.03	0.48
25.00	24.92	0.08	0.60
30.00	29.98	0.02	0.73
35.00	34.93	0.07	0.89
40.00	39.96	0.04	1.11
45.00	44.92	0.08	1.46
50.00	49.96	0.04	1.97
55.00	54.86	0.14	2.82
60.00	60.11	-0.11	4.54

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

Date: 2/27/20



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