



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27503/2003

Tested By: K. Mansfield
 Date: Tuesday, January 14, 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 QA1	
2	Insertion Loss:	4.8 dB Max.	3.6 dB See Plot		
3	VSWR:	2.0:1 Max.	1.7:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.41 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.	±4.07 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.09 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.	±0.2 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	112 mA		PMI QA1

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0625	0.05	0.02	0.01
0.125	0.11	0.02	0.01
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.03
1.00	1.01	-0.01	0.08
2.00	2.02	-0.02	0.14
4.00	4.04	-0.04	0.26
8.00	8.06	-0.06	0.38
16.00	16.07	-0.07	0.40
32.00	32.07	-0.07	0.68
62.00	62.00	0.00	4.93
63.94	64.09	-0.15	6.16

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	5.04	-0.04	0.31
10.00	10.07	-0.07	0.38
15.00	15.01	-0.01	0.39
20.00	20.09	-0.09	0.41
25.00	25.03	-0.03	0.51
30.00	30.07	-0.07	0.62
35.00	35.02	-0.02	0.76
40.00	40.06	-0.06	0.98
45.00	45.15	-0.15	1.60
50.00	50.20	-0.20	1.88
55.00	54.95	0.05	2.64
60.00	59.95	0.05	4.07

QA/QC Approval: *[Signature]* PMI QA1

Date: 1/15/20



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