



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27502/2003

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 QA 1	
2	Insertion Loss:	4.8 dB Max.	4 dB See Plot		
3	VSWR:	2.0:1 Max.	1.7:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.47 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.08 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.75 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.05 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.04 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.15 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	109 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	0.12	0.01	0.01
0.25	0.26	-0.01	0.02
0.50	0.50	0.00	0.03
1.00	0.98	0.02	0.08
2.00	1.99	0.01	0.14
4.00	4.00	0.00	0.27
8.00	8.00	0.00	0.39
16.00	16.02	-0.04	0.47
32.00	32.04	-0.04	0.73
62.00	62.00	0.00	5.52
63.94	64.01	-0.07	6.57

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.98	0.02	0.31
10.00	10.01	-0.01	0.41
15.00	14.95	0.05	0.45
20.00	20.02	-0.02	0.44
25.00	24.98	0.02	0.54
30.00	30.02	-0.02	0.67
35.00	34.99	0.01	0.84
40.00	40.03	-0.03	1.08
45.00	45.06	-0.06	1.46
50.00	50.06	-0.06	2.07
55.00	54.95	0.05	2.97
60.00	60.15	-0.15	4.75

QA/QC Approval: PMI QA 1

Date: 1/15/20



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