



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

Customer: _____
 Job No: _____
 Model No: DTA-0R4G18G-60-CD-1
 Serial No: PL27930/2008

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.	4.8 dB See Plot		
3	VSWR:	2.0:1 Max.	1.9:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	±0.58 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	±1.2 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	±4.82 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.14 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.31 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.56 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	±dB
0.0625	0.05	0.01	0.01
0.125	0.12	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.50	0.00	0.04
1.00	1.00	0.00	0.08
2.00	2.00	0.00	0.16
4.00	4.02	-0.02	0.36
8.00	8.04	-0.04	0.58
16.00	16.10	-0.28	0.49
32.00	32.28	-0.28	0.88
62.00	62.39	-0.39	5.57
63.94	64.54	-0.61	6.68

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.45
10.00	10.05	-0.05	0.51
15.00	15.02	-0.02	0.49
20.00	20.14	-0.14	0.56
25.00	25.15	-0.15	0.70
30.00	30.23	-0.23	0.84
35.00	35.27	-0.27	0.99
40.00	40.31	-0.31	1.20
45.00	45.33	-0.33	1.53
50.00	50.45	-0.45	2.08
55.00	55.39	-0.39	3.05
60.00	60.56	-0.56	4.82

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

Date: 2/27/20



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