



SUMMARY TEST DATA ON DTA-2G18G-60-12-CD-1-20DBM-TS-NSI

Customer: _____ Tested By: E. Kretz
 Job No: _____ Date: Friday, July 30, 2021
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI Temperature: +25° C
 Serial No: PL33222/2130 Drawing No: 27617795 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA 2	
2	Insertion Loss:	4.8 dB Max.	4.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.72:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.46 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.74 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.12 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.	0.28 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.68 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3 V		
12	Switching Speed:	On Time: 1.0 µs Max. Off Time: 0.5 µs Max.	<1.0 µs On Time <0.5 µs Off Time See Typical Characteristics		
13	DC Supply:	+15VDC @ 150 mA Max.	118 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0202	0.00	0.01
0.0313	0.0314	0.00	0.01
0.0625	0.0593	0.00	0.01
0.125	0.116	0.01	0.02
0.25	0.25	0.00	0.03
0.50	0.50	0.00	0.04
1.00	1.02	-0.02	0.09
2.00	2.05	-0.05	0.16
4.00	4.11	-0.11	0.29
8.00	8.14	-0.14	0.30
16.00	16.04	0.12	0.34
32.00	31.88	0.12	0.74

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.11	-0.11	0.34
10.00	10.11	-0.11	0.27
15.00	14.97	0.03	0.33
20.00	20.00	0.00	0.46
25.00	24.90	0.10	0.59
30.00	29.92	0.08	0.73
35.00	34.81	0.19	0.68
40.00	39.72	0.28	0.61
45.00	44.48	0.52	0.56
50.00	49.32	0.68	0.72
55.00	54.49	0.51	1.47
60.00	60.48	-0.48	2.12

QA/QC Approval:

PMI
QA 2

Date: 7/30/2021



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