

SUMMARY TEST DATA ON DTA-0R5G18G-60-CD-1

Customer: _____

Tested By: K. Mansfield

SO No: _____

Temperature: +25° C

Model No: DTA-0R5G18G-60-CD-1

Date: 1/18/2022

Serial No: 23450

Drawing No: 27617783

Rev: A1

Part No: _____

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA 2	
2	Insertion Loss:	4.5 dB Max.	3.7 dB See Plot		
3	VSWR:	2.0:1 Max.	1.7:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.62 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.79 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.57 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.24 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.39 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.52 dB See Plot		
11	Switching Speed:	1.0 us Max.	< 1.0 us See Typical Characteristics		
12	DC Supply:	+15VDC @ 155 mA	113 mA		PMI QA 2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
			±dB
0.0625	0.04	0.02	0.00
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	0.07
2.00	2.03	-0.03	0.12
4.00	4.05	-0.05	0.22
8.00	8.08	-0.08	0.28
16.00	16.17	-0.34	0.48
32.00	32.34	-0.34	0.79
62.00	62.49	-0.49	1.73
63.94	64.62	-0.68	1.91

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
			±dB
5.00	5.05	-0.05	0.25
10.00	10.12	-0.12	0.32
15.00	15.11	-0.11	0.45
20.00	20.24	-0.24	0.62
25.00	25.24	-0.24	0.74
30.00	30.33	-0.33	0.78
35.00	35.33	-0.33	0.79
40.00	40.39	-0.39	0.72
45.00	45.36	-0.36	0.65
50.00	50.38	-0.38	0.57
55.00	55.29	-0.29	1.05
60.00	60.52	-0.52	1.57

QA/QC Approval: _____



PMI
QA 2

Date: _____

1/20/2022

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23450

