

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

Customer: _____ Tested By: E. Kretz
 Job No: _____ Date: Monday, October 21, 2024
 Model No: DTA-2G18G-60-12-CD-1-20DBM Temperature: +25°C
 Serial No: PL49603/2442 Draw ingNo: 27648840 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE @ 25°C	PASS/FAIL	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA2
2	Insertion Loss:	4.8 dB Max.	4.3 dB	
3	VSWR:	2.0:1 Max.	1.69:1	
4	Flatness to 20 dB:	±1.0 dB Typ. ±1.5 dB Max.	±0.53 dB	
5	Flatness to 40 dB:	±1.25 dB Typ. ±1.75 dB Max.	±0.89 dB	
6	Flatness to 60 dB:	±3.0 dB Typ. ±5.0 dB Max.	±2.84 dB	
7	Accuracy of Attenuation 0 to 20 dB:	±1.0 dB Max.	+0.36 dB -0.31 dB	
8	Accuracy of Attenuation 20 to 40 dB:	±1.5 dB Max.	+0.56 dB -0.95 dB	
9	Accuracy of Attenuation 40 to 60 dB:	±2.0 dB Max.	+0 dB -1.24 dB	
10	DC Supply:	+15VDC @ 150 mA Max.	118 mA	

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0269	-0.01	0.01
0.0313	0.0455	-0.01	0.01
0.0625	0.0761	-0.01	0.01
0.125	0.141	-0.02	0.01
0.25	0.29	-0.04	0.02
0.50	0.58	-0.08	0.05
1.00	1.14	-0.14	0.11
2.00	2.24	-0.24	0.23
4.00	4.31	-0.31	0.39
8.00	8.25	-0.25	0.42
16.00	15.78	-0.21	0.32
32.00	32.21	-0.21	0.89

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	5.31	-0.31	0.43
10.00	10.18	-0.18	0.26
15.00	14.75	0.25	0.26
20.00	19.64	0.36	0.53
25.00	24.44	0.56	0.73
30.00	30.13	-0.13	0.86
35.00	35.31	-0.31	0.89
40.00	40.95	-0.95	0.89
45.00	45.16	-0.16	0.88
50.00	50.16	-0.16	0.91
55.00	55.92	-0.92	1.83
60.00	61.24	-1.24	2.84

QA/QC Approval: 

PMI
QA2

Date: 10/30/2024



