



SUMMARY TEST DATA ON DTA-30M2D5G-CD-SFF

Customer: _____
 Job No: _____
 Model No: DTA-30M2D5G-CD-SFF
 Serial No: PL20706/1712

Tested By: K. Mansfield
 Temperature: +25°C
 Date: Tuesday, January 22, 2019
 Drawing No: 27613966 Rev: A1

*** TAKE DATA FROM 30 MHz - 2.5 GHz***

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	30 MHz – 2.5 GHz	30 MHz – 2.5 GHz	
2	Insertion Loss:	4.5 dB Max.	2.9 dB	
3	VSWR:	2.0:1 Max.	1.8:1	
4	Flatness up to 20dB:	± 1.0 dB Typ.	± 0.47 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	± 1.07 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	± 3.18 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.27 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.37 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.66 dB	
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	< 0.60 usec <0.30 usec	
11	DC Supply:	+15VDC @ 100 mA -15VDC @ 100 mA	+15 VDC @ 40 mA -15 VDC @ 53 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.03	0.03	0.00
0.13	0.08	0.05	0.00
0.25	0.19	0.06	0.01
0.50	0.42	0.08	0.02
1.00	0.92	0.08	0.04
2.00	1.99	0.01	0.07
4.00	4.13	-0.13	0.14
8.00	8.00	0.00	0.24
16.00	16.17	-0.17	0.40
32.00	32.37	-0.37	0.75
62.00	62.50	-0.50	3.58
63.94	64.06	-0.13	4.03

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.12	-0.12	0.16
10.00	9.96	0.04	0.28
15.00	15.10	-0.10	0.38
20.00	20.27	-0.27	0.47
25.00	25.32	-0.32	0.56
30.00	30.28	-0.28	0.69
35.00	35.33	-0.33	0.84
40.00	40.37	-0.37	1.07
45.00	45.46	-0.46	1.36
50.00	50.66	-0.66	1.70
55.00	55.48	-0.48	2.46
60.00	60.57	-0.57	3.18

QA/QC Approval: _____

Date: _____



**SUMMARY TEST DATA
ON
DTA-50M2D5G-CD-SFF**

PL20706/1712

