



SUMMARY TEST DATA ON DVAN-6012-60-8

Customer: _____
 Job No: _____
 Model No: DVAN-6012-60-8
 Serial No: PL11382/1234

Tested By: K. Mansfield
 Date: Thursday, January 10, 2019
 Time: 5:03 PM

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	6 GHz – 12 GHz	6 GHz – 12 GHz	
2	Insertion Loss:	2.8 dB Max.	2.35 dB	
3	VSWR:	2.0 :1 Max.	1.77 :1	
4	Flatness @ 10dB:	± 0.7 dB Typ.	0.23 dB	
5	Flatness @ 20dB:	± 1.0 dB Typ.	0.55 dB	
6	Flatness @ 40dB:	± 1.5 dB Typ.	1.04 dB	
7	Flatness @ 60dB:	± 1.6 dB Typ.	1.47 dB	
8	Accuracy of Attenuation 0 to 30 dB:		0.17 dB	
9	Accuracy of Attenuation 30 to 60 dB:		0.44 dB	
10	Switching Speed:	0.5 uSEC MAX	0.4 uSEC	
11	DC Supply:	+12VDC @ 150 mA -12VDC @ 75 mA	+12 VDC @ 35 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	-0.01	0.07	0.00
0.13	-0.01	0.14	0.00
0.25	0.19	0.06	0.01
0.50	0.44	0.06	0.02
1.00	0.97	0.03	0.04
2.00	2.03	-0.03	0.08
4.00	4.09	-0.09	0.13
8.00	8.16	-0.16	0.20
16.00	16.10	-0.10	0.39
32.00	31.77	0.23	0.91
62.00	61.95	0.05	1.61
63.94	63.16	0.78	1.81

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.06	-0.06	0.14
10.00	10.17	-0.17	0.23
15.00	15.04	-0.04	0.34
20.00	19.99	0.01	0.55
25.00	24.83	0.17	0.73
30.00	29.86	0.14	0.87
35.00	34.87	0.13	0.97
40.00	39.77	0.23	1.04
45.00	44.73	0.27	1.07
50.00	49.73	0.27	1.07
55.00	54.87	0.13	1.26
60.00	59.56	0.44	1.47

Production Manager Approval: _____

Date: _____

QA/QC Approval: _____

Date: _____