



SUMMARY TEST DATA ON DVAN-6012-60-8

Customer: _____
 Job No: _____
 Model No: DVAN-6012-60-8
 Serial No: PL11381/1234

Tested By: K. Mansfield
 Date: Thursday, January 10, 2019
 Time: 5:01 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.	2.44 dB	
3	VSWR:	2.0 :1 Max.	1.97 :1	
4	Flatness @ 10dB:	± 0.7 dB Typ.	0.14 dB	
5	Flatness @ 20dB:	± 1.0 dB Typ.	0.51 dB	
6	Flatness @ 40dB:	± 1.5 dB Typ.	1.02 dB	
7	Flatness @ 60dB:	± 1.6 dB Typ.	1.38 dB	
8	Accuracy of Attenuation 0 to 30 dB:		0.37 dB	
9	Accuracy of Attenuation 30 to 60 dB:		0.46 dB	
10	Switching Speed:	0.5 uSEC MAX	0.4 uSEC	
11	DC Supply:	+12VDC @ 150 mA -12VDC @ 75 mA	+12 VDC @ 36 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.00	0.06	0.00
0.13	0.00	0.13	0.00
0.25	0.20	0.05	0.00
0.50	0.44	0.06	0.01
1.00	0.96	0.04	0.02
2.00	2.02	-0.02	0.04
4.00	4.11	-0.11	0.08
8.00	8.18	-0.18	0.12
16.00	16.00	0.00	0.36
32.00	31.70	0.30	0.87
62.00	61.62	0.38	1.44
63.94	63.02	0.92	1.62

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.11	-0.11	0.08
10.00	10.14	-0.14	0.14
15.00	15.01	-0.01	0.32
20.00	19.92	0.08	0.51
25.00	24.81	0.19	0.68
30.00	29.63	0.37	0.82
35.00	34.73	0.27	0.94
40.00	39.67	0.33	1.02
45.00	44.74	0.26	1.09
50.00	49.67	0.33	1.21
55.00	54.54	0.46	1.29
60.00	59.78	0.22	1.38

Production Manager Approval: _____

Date: _____

QA/QC Approval: _____

Date: _____