



SUMMARY TEST DATA ON DTA-30M7D2G-60-CD-1

Customer: _____
Job No: _____
Model No: DTA-30M7D2G-60-CD-1
Serial No: PL61684/2633

Tested By: J. Fitzpatrick
Date: Tuesday, August 18, 2026
Temperature: +25° C
Drawing No: 27653940 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	30 MHz – 7.2 GHz	30 MHz – 7.2 GHz	PMI QA6
2	Mean Attenuation Range:	60 dB	63.8 dB See Plot	
3	Insertion Loss:	4.0 dB Max.	2.99 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.6 dB	
5	Attenuation Flatness:	±1.0 dB Typ. @ 10 dB ±1.5 dB Typ. @ 20 dB ±3.0 dB Typ. @ 40 dB ±5.0 dB Typ. @ 60 dB	±0.5 dB ±0.45 dB ±0.36 dB ±1.27 dB See Plot	
6	Accuracy of Attenuation:	±1.0 dB Typ. 0 dB to 30 dB ±1.3 dB Typ. 30 dB to 50 dB ±1.5 dB Typ. 50 dB to 60 dB	±0.12 dB ±0.04 dB ±0.03 dB See Plot	
7	Switching Speed:	50 µs Max.	See Typical Characteristics	
8	Monotonicity:	Verify	Pass	
9	DC Supply:	+12 VDC @ 180 mA Max.	72 mA	PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.28	-0.03	0.02
0.50	0.53	-0.03	0.05
1.00	1.03	-0.03	0.09
2.00	2.03	-0.03	0.17
4.00	4.03	-0.03	0.30
8.00	8.03	-0.03	0.47
16.00	16.02	-0.02	0.51
32.00	31.99	0.01	0.32
63.75	63.79	-0.04	0.50

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.35
10.00	10.04	-0.04	0.50
15.00	14.95	0.05	0.50
20.00	20.04	-0.04	0.45
25.00	25.03	-0.03	0.42
30.00	30.04	-0.04	0.33
35.00	35.00	0.00	0.33
40.00	40.03	-0.03	0.36
45.00	44.99	0.01	0.41
50.00	50.03	-0.03	0.58
55.00	55.01	-0.01	0.87
60.00	60.00	0.00	1.27

QA/QC Approval: Anthony Karoly PMI QA6

Date: 8/19/26



