



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

Customer: _____
 Job No: _____
 Model No: DTA-30M7D2G-60-CD-1
 Serial No: PL60548/2623

Tested By: K. Mansfield
 Date: Thursday, June 4, 2026
 Temperature: +25° C
 Drawing No: 27653940 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	30 MHz - 7.2 GHz	30 MHz - 7.2 GHz	PMI QA6
2	Mean Attenuation Range:	60 dB	63.73 dB	
3	Insertion Loss:	4.0 dB Max.	3.7 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.3 dB See Plot	
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	±0.41 dB @ 10 dB ±0.33 dB @ 20 dB ±0.54 dB @ 40 dB ±1.89 dB @ 60 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	±0.04 dB (0 to 30 dB) ±0.02 dB (30 to 50 dB) ±0.03 dB (50 to 60 dB) See Plot	
7	Switching Time:	50 µs Max.	See Typical Characteristics	
8	Power Supply:	+12 VDC @ 180mA Max. (10.8 VDC Min. to 13.2 VDC Max.)	80 mA	PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
0.25	0.24	0.01	0.02
0.50	0.49	0.01	0.04
1.00	0.99	0.01	0.08
2.00	1.97	0.03	0.15
4.00	3.96	0.04	0.25
8.00	7.97	0.03	0.39
16.00	15.98	0.02	0.33
32.00	31.99	0.01	0.41
63.75	63.73	0.02	1.36

Programmed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
5.00	4.93	0.07	0.30
10.00	9.97	0.03	0.41
15.00	14.92	0.08	0.32
20.00	19.98	0.02	0.33
25.00	24.95	0.05	0.31
30.00	29.98	0.02	0.37
35.00	34.96	0.04	0.47
40.00	40.00	0.00	0.54
45.00	45.00	0.00	0.49
50.00	50.03	-0.03	0.74
55.00	55.00	0.00	1.18
60.00	60.00	0.00	1.89

QA/QC Approval: Anthony Kraschky

PMI QA6

Date: 6/8/26



