

**SUMMARY TEST DATA
ON
DTA-100M40G-30-CD-1-BCD**

Customer: _____
 Job No: _____
 Model No: DTA-100M40G-30-CD-1-BCD
 Serial No: PL56311/2546

Tested By: W. Gonzalez
 Temperature: +25° C
 Date: Thursday, November 13, 2025
 Drawing No: 27645760 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	100 MHz to 40 GHz	100 MHz to 40 GHz	PMI QA2	
2	Mean Attenuation Range:	30 dB	30 dB		
3	Insertion Loss:	5.0 dB Typ., 5.5 dB Max. (Up to 20 GHz) 7.5 dB Typ., 8.0 dB Max. (Up to 40 GHz)	5.14 dB 6.87 dB See Plot		
4	VSWR:	2.5:1 Max.	2.23:1 See Plot		
5	Accuracy of Attenuation:	± 1.0 dB Max. @ +25°C	±0.13 dB See Plot		
6	Minimum Attenuation Step:	1.0 dB	0.93 dB See Plot		
7	Power Handling Capability:	+24 dBm CW Max.	See Typical Characteristics		
8	Input 1 dB Compression:	+17 dBm Min. When Attenuation > 10 dB	See Typical Characteristics		
9	Switching Speed:	On: 1.0 µs Max. Off: 0.5 µs Max.	See Typical Characteristics		
10	DC Supply:	+15VDC @ 50 mA Max.	41 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
1.00	0.99	0.01	0.23
2.00	1.97	0.03	0.31
4.00	3.94	0.06	0.59
8.00	7.95	0.05	1.13
16.00	15.88	0.12	1.43

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.93	0.07	0.72
10.00	9.96	0.04	1.47
15.00	14.98	0.02	1.48
20.00	19.92	0.08	1.63
25.00	24.89	0.11	1.70
30.00	29.95	0.05	1.74

QA/QC Approval: *[Signature]* PMI QA2 Date: 11/21/2025



