

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

Customer: _____

Tested By: W. Gonzalez

Job No: _____
Model No: DTA-100M40G-30-CD-1-BCD

Temperature: +25° C

Date: Thursday, November 13, 2025

Serial No: PL56310/2546

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	30.1 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)	5.25 dB 7.15 dB See Plot		
4	VSWR:	2.5:1 Max.	2.48:1 See Plot		
5	Accuracy of Attenuation:	± 1.0 dB Max. @ +25°C	±0.12 dB See Plot		
6	Minimum Attenuation Step:	1.0 dB	0.94 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
1.00	0.98	0.02	0.24
2.00	1.96	0.04	0.33
4.00	3.96	0.04	0.55
8.00	7.97	0.03	1.07
16.00	15.98	0.02	1.42

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
5.00	4.97	0.03	0.69
10.00	9.99	0.01	1.40
15.00	15.02	-0.02	1.47
20.00	19.96	0.04	1.58
25.00	24.98	0.02	1.61
30.00	30.12	-0.12	1.74

QA/QC Approval: 

PMI
QA2

Date: 11/21/2025



