

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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-100M40G-30-CD-1-BCD  
 Serial No: PL56312/2546

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)	5.3 dB 7.17 dB See Plot		
4	VSWR:	2.5:1 Max.	2.47:1 See Plot		
5	Accuracy of Attenuation:	± 1.0 dB Max. @ +25°C	±0.06 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	1.01	-0.01	0.22
2.00	2.01	-0.01	0.34
4.00	4.00	0.00	0.61
8.00	8.00	0.00	1.02
16.00	16.02	-0.02	1.49

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
5.00	5.01	-0.01	0.67
10.00	10.01	-0.01	1.22
15.00	15.00	0.00	1.47
20.00	20.04	-0.04	1.52
25.00	25.02	-0.02	1.53
30.00	30.02	-0.02	1.56

QA/QC Approval: \_\_\_\_\_

*[Handwritten signatures]*

PMI  
QA2

Date: 11/21/2025



