

**SUMMARY TEST DATA  
ON  
DTA-218-3D5-3-NSI-OPT23**

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-218-3D5-3-NSI-OPT23  
Serial No: PL41716/2332

Tested By: K. Mansfield  
Date: Friday, August 11, 2023  
Temperature: +25° C  
Drawing No: 27646520 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	2.0 to 3.0 GHz	<b>2.0 to 3.0 GHz</b>	
2	Attenuation Range:	31.5 dB Typ.	<b>30.7 dB</b>	
3	Attenuation Step Size:	0.5 dB Max.	<b>0.49 dB</b>	
4	Attenuation Accuracy:	±10% Commanded Min.	<b>±5%</b>	
5	Attenuation vs Frequency:	±2.2 dB Max.	<b>0.04 dB See Plot</b>	
6	Insertion Loss:	6.0 dB Max.	<b>4.3 dB See Plot</b>	
7	VSWR:	2.0:1 Max.	<b>1.74:1 See Plot</b>	
8	Insertion Loss Flatness/1 GHz:	0.5 dB Max.	<b>0.27 dB</b>	
9	Accuracy of Attenuation:	±2.0 dB Typ.	<b>0.8 dB -0.19 dB See Plot</b>	
10	Input 0.1 dB Compression:	+22 dBm Typ.	<b>See Typical Characteristics</b>	
11	Input 1 dB Compression:	+22 dBm Min.	<b>See Typical Characteristics</b>	
12	Switching Speed:	100 ns Max.	<b>See Typical Characteristics</b>	
13	Power Supply:	+5 VDC @ 50 mA Max. -5 VDC @ 50 mA Max.	<b>0 mA 3 mA</b>	

Logic	
"0" (Bit On)	0 to 0.8 V
"1" (Bit Off)	+2 to +5 V

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

Date: \_\_\_\_\_



