

**SUMMARY TEST DATA  
ON  
PS-360-16G22G-10B-SFF**

Customer: \_\_\_\_\_  
 SO: \_\_\_\_\_  
 Model No: PS-360-16G22G-10B-SFF  
 Serial No: PL45493/2415

Tested By: E. Kretz  
 Date: Friday, April 12, 2024  
 Temp: +25°C  
 Drawing No: 27646820 Rev: A1

Data Taken at -20 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC	
1	Frequency Range:	16.0 to 22.0 GHz	16.0 to 22.0 GHz	PMI QA2	
2	Insertion Loss:	11.5 dB Typ.	10.66 dB See Plot		
3	VSWR:	2.0:1 Max.	1.87 dB See Plot		
4	Phase Accuracy:	±3° Typ.	4.2°		
5	Switching Speed:	500 ns MAX.	See Typical Characteristics		
6	Operating Power:	+10 dBm CW Max.	See Typical Characteristics		
7	Survival Power:	+25 dBm CW Max.	See Typical Characteristics		
8	Control:	10 Bit TTL	Pass		
9	Power Supply:	+12V to +15 V @ 50 mA Max.	+15 V @ 37 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.38	-0.03	0.40
0.703125	0.84	-0.13	0.51
1.40625	1.42	-0.01	0.43
2.8125	2.79	0.03	0.52
5.625	5.72	-0.10	0.67
11.25	11.47	-0.22	1.02
22.5	22.94	-0.44	1.73
45	45.50	-0.50	3.03
90	90.44	-0.44	6.21
180	184.15	-4.15	13.92

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.01	-0.26	2.46
67.5	67.64	-0.14	4.68
101.25	101.69	-0.44	6.21
135	136.14	-1.14	9.50
168.75	170.87	-2.12	12.65
202.5	206.10	-3.60	16.13
236.25	239.29	-3.04	18.89
270	271.83	-1.83	21.40
303.75	304.17	-0.42	24.39
337.5	337.01	0.49	28.38
359.648	358.71	0.94	30.873

QA/QC Approval: PMI QA2

Date: 4/15/2024



