

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

Customer: _____
SO: _____
Model No: PS-360-16G22G-10B-SFF
Serial No: PL45491/2415

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.	10.64 dB See Plot		
3	VSWR:	2.0:1 Max.	1.95 dB See Plot		
4	Phase Accuracy:	±3° Typ.	2.6°		
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 @ 40 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.24	0.11	0.50
0.703125	0.78	-0.08	0.51
1.40625	1.29	0.12	0.45
2.8125	2.71	0.10	0.56
5.625	5.58	0.04	0.71
11.25	11.19	0.06	1.00
22.5	22.57	-0.07	1.50
45	45.13	-0.13	2.91
90	89.94	0.06	5.84
180	182.58	-2.58	13.91

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.86	-0.11	2.12
67.5	67.45	0.05	4.32
101.25	101.08	0.17	5.84
135	135.25	-0.25	9.18
168.75	169.41	-0.66	12.50
202.5	204.41	-1.91	16.18
236.25	237.85	-1.60	19.68
270	270.82	-0.82	22.43
303.75	303.63	0.12	25.39
337.5	336.55	0.95	29.27
359.648	358.54	1.11	31.973

QA/QC Approval: 

PMI
QA2

Date: 4/15/2024



