

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

Customer: _____
 SO: _____
 Model No: PS-360-16G22G-10B-SFF
 Serial No: PL45494/2415

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.	10.84 dB See Plot		
3	VSWR:	2.0:1 Max.	1.95 dB See Plot		
4	Phase Accuracy:	±3° Typ.	3.1°		
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	0.39	-0.04	0.46
0.703125	0.78	-0.07	0.42
1.40625	1.42	-0.01	0.48
2.8125	2.78	0.03	0.60
5.625	5.54	0.09	0.71
11.25	11.08	0.17	1.22
22.5	22.51	-0.01	1.85
45	44.92	0.08	3.33
90	90.15	-0.15	6.86
180	183.12	-3.12	14.13

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.85	-0.10	2.53
67.5	67.59	-0.09	4.90
101.25	101.39	-0.14	6.86
135	135.55	-0.55	10.26
168.75	169.50	-0.75	12.91
202.5	204.96	-2.46	16.80
236.25	238.58	-2.33	20.92
270	271.41	-1.41	24.61
303.75	304.04	-0.29	28.34
337.5	336.94	0.56	32.17
359.648	358.75	0.90	34.150

QA/QC Approval:

PMI
QA2

Date: 4/15/2024



