

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

Customer: _____
SO: _____
Model No: PS-360-16G22G-10B-SFF
Serial No: PL60602/2624

Tested By: K. Mansfield/J. Fitzpatrick
Date: Thursday, June 11, 2026
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 QA6
2	Insertion Loss:	11.5 dB Typ.	11.16 dB See Plot	
3	VSWR:	2.0:1 Max.	1.88 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+2.6° -3.6° See Plot	
5	Switching Speed:	500 ns MAX.	See Typical Characteristics	
6	Operating Power:	-20 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 @ 45 mA	PMI QA6

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.32	0.03	0.35
0.703125	0.77	-0.07	0.33
1.40625	1.38	0.02	0.33
2.8125	2.88	-0.06	0.58
5.625	5.65	-0.03	0.72
11.25	11.47	-0.22	1.00
22.5	22.97	-0.47	1.38
45	45.78	-0.78	2.83
90	90.64	-0.64	6.19
180	183.56	-3.56	13.88

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.41	-0.66	2.18
67.5	68.06	-0.56	4.44
101.25	101.78	-0.53	6.19
135	136.06	-1.06	9.91
168.75	170.14	-1.39	12.81
202.5	204.92	-2.42	15.83
236.25	237.86	-1.61	19.42
270	270.38	-0.38	23.37
303.75	302.89	0.86	27.45
337.5	335.33	2.17	31.19
359.648	357.03	2.62	33.676

QA/QC Approval: Anthony Keady

PMI QA6

Date: 6/15/26



