



PLANAR MONOLITHICS INDUSTRIES
 7311G-GROVE RD., FREDERICK MD. 21704
 TEL: 301-631-1579, FAX: 301-662-2029
 URL: WWW.PLANARMONOLITHICSINDUSTRIES.COM
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 ISO 9001:2000 CERTIFIED

PHASE SHIFTER TEST DATA

<p>CUSTOMER: _____</p> <p>JOB NO: _____</p> <p>MODEL NO: <u>PS-90-1020</u></p> <p>OPTION NO: <u>101F, VSWR</u></p> <p>PWR SUPPLY: <u>+5V @ 40 mA; -5V @ 2 mA</u></p>	<p>TECHNICIAN: <u>B. Baker</u></p> <p>DATE: <u>06/07/07</u></p> <p>SERIAL NO: <u>PM703876</u></p> <p>FREQUENCY RANGE: <u>1.0 – 1.12 GHz</u></p>
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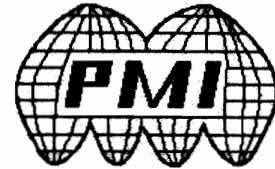
INSERTION LOSS	VSWR	LOGIC	PHASE
0.4 dB	- 18 dB	“1”	169 °
1.7 dB	- 25 dB	“0”	0 °

AMPLITUDE BALANCE:	1.3 dB	SWITCHING SPEED:	28 nSec
PHASE BALANCE:	0 °		

NOTE: ANY ADDITION TEST DATA ON BACK

TESTED WITH: HP 8720C Network Analyzer

QA/QC APPROVAL: *PA* **DATED:** 6/13/07



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PHASE SHIFTER TEST DATA

CUSTOMER: _____
 JOB NO: _____
 MODEL NO: PS-90-1020
 OPTION NO: 101F, VSWR
 PWR SUPPLY: +5V @ 39 mA; -5V @ 2 mA

TECHNICIAN: B. Baker
 DATE: 06/07/07
 SERIAL NO: PM703877
 FREQUENCY RANGE: 1.0 – 1.12 GHz

INSERTION LOSS	VSWR	LOGIC	PHASE
0.4 dB	- 18 dB	“1”	169 °
1.6 dB	- 24.5 dB	“0”	0 °

AMPLITUDE BALANCE:	1.2 dB	SWITCHING SPEED:	28 nSec
PHASE BALANCE:	0 °		

NOTE: ANY ADDITION TEST DATA ON BACK

HP 8720C Network Analyzer

TESTED WITH: _____

QA/QC APPROVAL: *PA*

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PHASE SHIFTER TEST DATA

<p>CUSTOMER: _____</p> <p>JOB NO: _____</p> <p>MODEL NO: <u>PS-90-1020</u></p> <p>OPTION NO: <u>101F, VSWR</u></p> <p>PWR SUPPLY: <u>+5V @ 40 mA; -5V @ 2 mA</u></p>	<p>TECHNICIAN: <u>B. Baker</u></p> <p>DATE: <u>06/07/07</u></p> <p>SERIAL NO: <u>PM703878</u></p> <p>FREQUENCY RANGE: <u>1.0 – 1.12 GHz</u></p>
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INSERTION LOSS	VSWR	LOGIC	PHASE
0.4 dB	- 18.1 dB	“1”	169 °
2.1 dB	- 19.9 dB	“0”	0 °

AMPLITUDE BALANCE:	1.7 dB	SWITCHING SPEED:	28 nSec
PHASE BALANCE:	0 °		

NOTE: ANY ADDITION TEST DATA ON BACK

HP 8720C Network Analyzer

TESTED ON: _____

QA/QC APPROVAL: *lh* _____ **DATED:** 6/13/07