Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
LM-1G18G-16-4W-SMF

Customer:
SO No:
Model No: LM-1G18G-16-4W-SMF
Serial No: PL62443/2638
Part No:

Tested By: John R.
Temperature: +25°C
Date: 9/17/2026
Drawing No: 27634041 REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1.0 to 18.0 GHz	1.0 to 18.0 GHz	PMI QA6
2	Insertion Loss:	2.3 dB Max. @ -10 dBm Input Power	1.88 dB See Graph	
3	Leakage Power:	40 mW Max.	Pass See Typical Characteristics	
4	Spike Leakage:	0.1 erg. Max.	Pass See Typical Characteristics	
5	Recovery Time:	250 ns Max. @ 1000 W Peak Power	Pass See Typical Characteristics	
6	VSWR:	2.0:1 Max. @ -10 dBm Input Power	1.82:1 In 1.86:1 Out See Graph	
7	RF Power Handling:	4 W CW Max. @ 85°C	Pass See Typical Characteristics	
		1000 W Peak Max. (1 µs PW, 0.1% DC @ 85°C)	Pass See Typical Characteristics	
8	Limiting Threshold:	+5 dBm Min. (1 dB Compression)	+8 dBm See Graph	PMI QA6

QA/QC Approval: Anthony Karoly PMI QA6 Date: 9/21/26

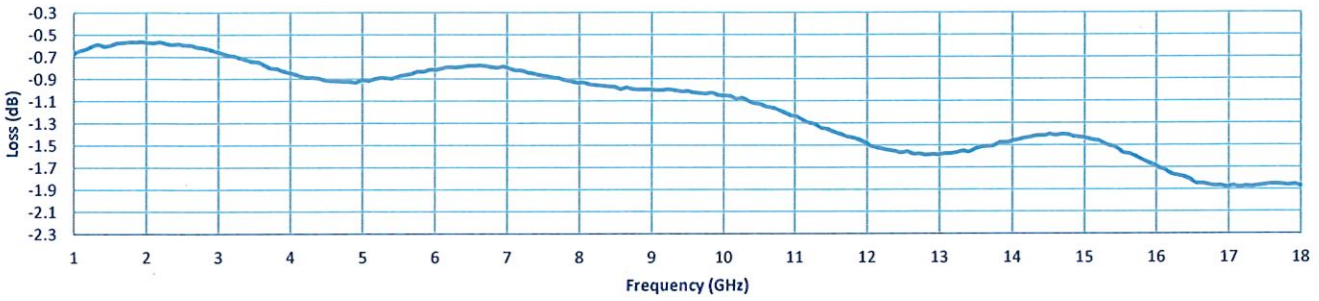
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

Quantic PMI
PLANAR MONOLITHICS

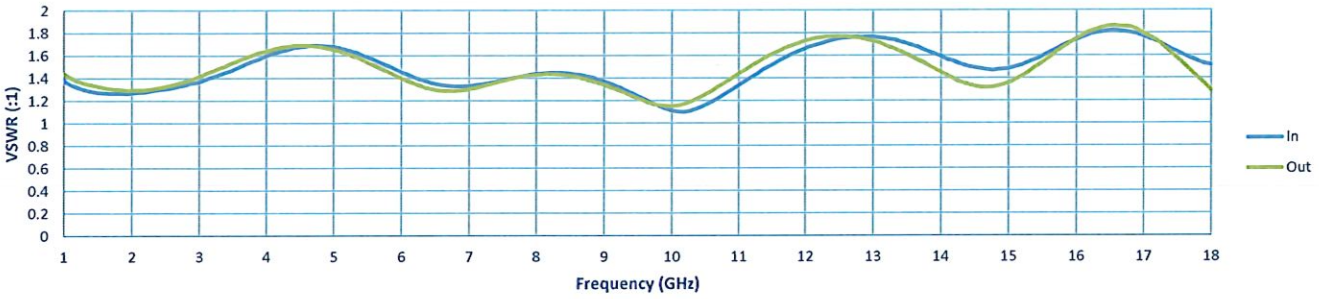
SUMMARY TEST DATA
ON
LM-1G18G-16-4W-SMF

PL62443/2638

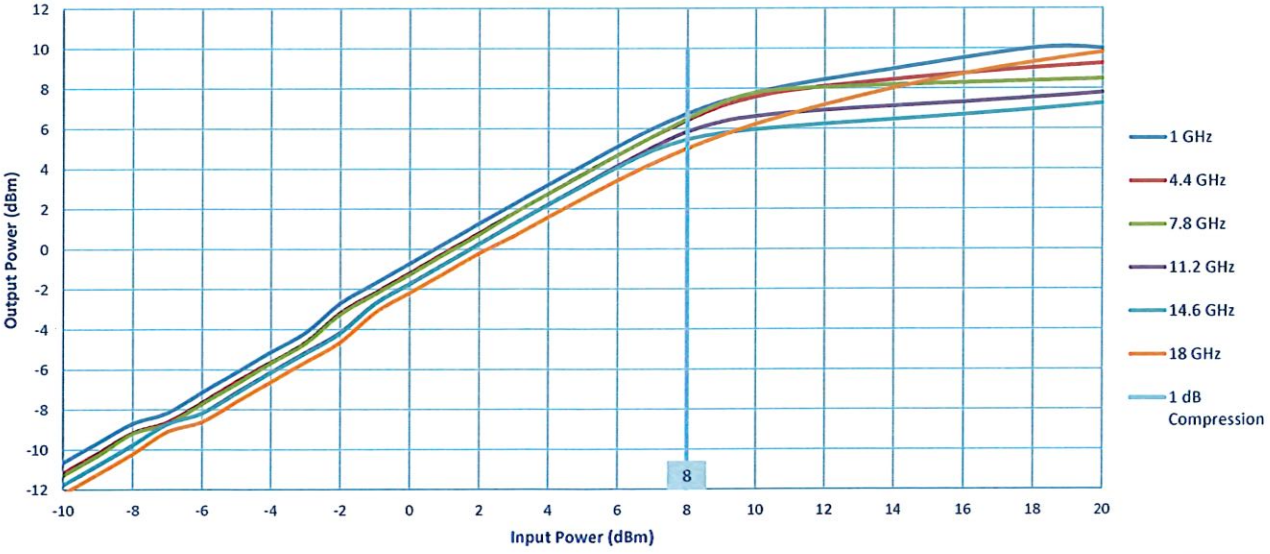
Insertion Loss



VSWR



Limiter Response with Frequency



7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com