## SUMMARY TEST DATA
ON
LM-10M18G-16-20W-AL

---

**TESTED BY:** B. Slack  
**TEMPERATURE:** +25°C  
**DATE:** 3/20/2020

---

<table>
<thead>
<tr>
<th>TEST ITEM NO:</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>MEASURED VALUE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Frequency Range</td>
<td>10 MHz to 18.0 GHz</td>
<td>10 MHz to 18.0 GHz</td>
<td>PMI QA 1</td>
</tr>
</tbody>
</table>
| 2             | RF Power Handling  
(@ -55 to +85°C) | 20W CW MAX  
1 KW PEAK MAX @ (1 μs PULSE WIDTH, 1% DUTY CYCLE)  
100W PEAK (10 μs PULSE WIDTH, 10% DUTY CYCLE) | Pass by Design |
| 3             | Insertion Loss | 2.0 dB MAX @ -10 dBm INPUT POWER | 1.51 dB (See Plot) |
| 4             | Recovery Time (3dB) | 250 ns MAX @ 1000 W PEAK POWER | 224 ns (See Typical Characteristics) |
| 5             | Leakage Power | +17 dBm MAX | 15.5 dBM (See Typical Characteristics) |
| 6             | Impedance | 50Ω | Pass |
| 7             | VSWR | 2.0:1 MAX @ -10 dBm INPUT POWER | 1.72:1 (See Plot) |
| 8             | Limiting Threshold | +5 dBm Min.  
(1dB Compression) | 7 dB (See Plot) |

---

QA/QC Approval:  

Date: 3/24/20

---

Page 1 of 2

7331-F Grove Road Frederick, MD 21704 USA  
Phone: (301)662-5019 FAX: (301)662-1731  
Email: sales@pmi-rf.com
SUMMARY TEST DATA
ON
LM-10M18G-16-20W-AL

Insertion Loss @ -10 dB

VSWR @ -10 dB

Limiter Response with Frequency