



**SUMMARY TEST DATA
ON
PDC-2G18G-20C-SFF-50W**

Customer: _____
 SO No: _____
 Model No: PDC-2G18G-20C-SFF-50W
 Serial No: PL31473/2108

Tested By: Bryan K.
 Temperature: +25°C
 Date: 2/20/2021
 Drawing No: 27638200 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC | |
|---------------|---|--|-----------------------------|-------------|-------------|
| 1 | Frequency Range | 2.0 to 18 GHz | 2.0 to 18 GHz | PMI QA 2 | |
| 2 | Insertion Loss (Excluding coupling loss 0.04 dB) | 0.7 dB MAX. | 0.48 dB (See Plot) | | |
| 3 | VSWR | Primary: 1.40:1 MAX Secondary: 1.40:1 MAX | 1.32:1 (See Plot) | | |
| 4 | Directivity | 15 dB MIN. | 16.4 dB See Plot | | |
| 5 | Coupling Factor | 20 ± 0.7 dB MAX. | 20.24 dB See Plot | | |
| 6 | Coupling Sensitivity | ±0.7 dB Over Frequency | ±0.35 dB (See Plot) | | |
| 7 | Power Handling | Incident: 50 Watts MAX Reflected: 2 Watts MAX | See Typical Characteristics | | |
| 8 | Impedance | 50 Ω | 50 Ω | | PMI QA 2 |

QA/QC Approval: PMI QA 2

Date: 2/23/21



SUMMARY TEST DATA ON PDC-2G18G-20C-SFF-50W

PL31473/2108

