



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDC-2G18G-20C-SFF-50W  
 Serial No: PL31480/2108

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.	0.46 dB (See Plot)	
3	VSWR	Primary: 1.40:1 MAX Secondary: 1.40:1 MAX	1.26:1 (See Plot)	
4	Directivity	15 dB MIN.	17.3 dB See Plot	
5	Coupling Factor	20 ± 0.7 dB MAX.	20.18 dB See Plot	
6	Coupling Sensitivity	±0.7 dB Over Frequency	±0.33 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

PL31480/2108

