



**SUMMARY TEST DATA  
ON  
PDC-418-20-50W-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDC-418-20-50W-SFF  
 Part: PL31160/2101

Tested By: Bryan K. \_\_\_\_\_  
 Temperature: 25 Degrees C \_\_\_\_\_  
 Date: 1/7/2021 \_\_\_\_\_  
 Drawing No: 27040180 \_\_\_\_\_ REV: A1 \_\_\_\_\_

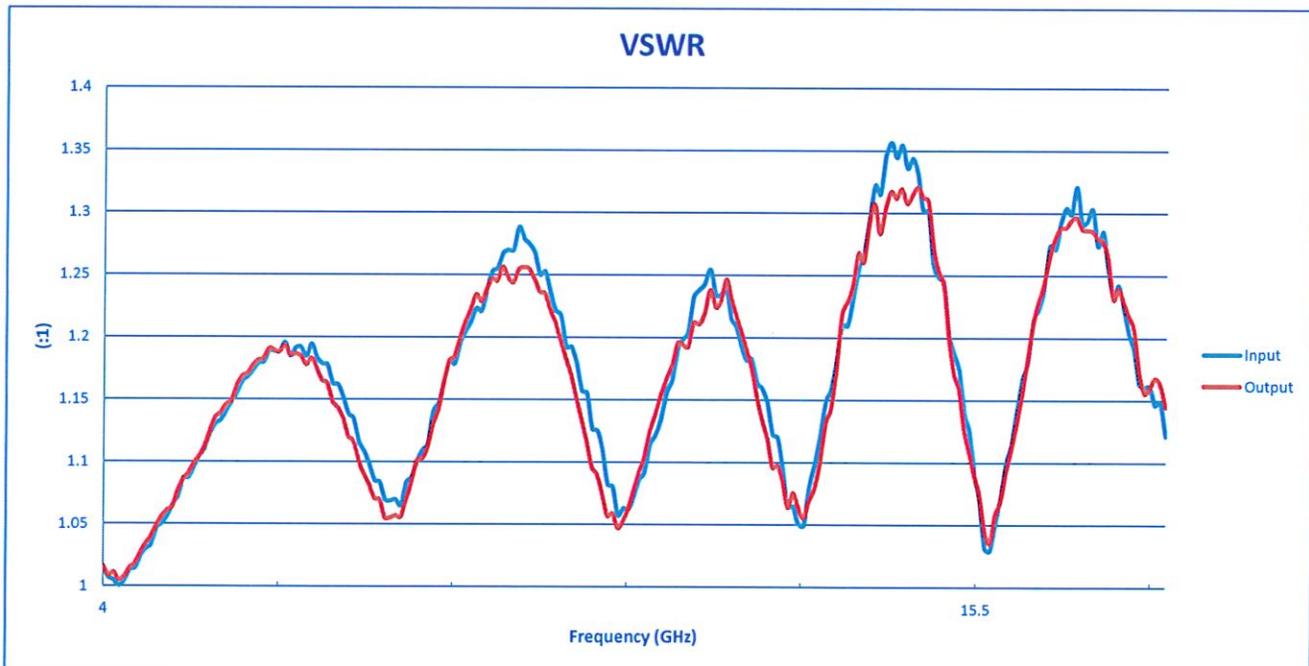
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	4 TO 18 GHz	4 TO 18 GHz	PMI QA 2
2	Insertion Loss:	0.7 dB MAX.	0.55 dB (See Plot)	
3	Coupling Factor:	20 ± 0.7 dB MAX.	20.65 dB (See Plot)	
4	Coupling Sensitivity:	±0.7dB MAX.	±0.27 dB (See Plot)	
4	Directivity:	12 dB MIN.	35.91 dB (See Plot)	
5	VSWR:	Primary 1.41:1 MAX. Secondary 1.41:1 MAX.	1.36:1 IN 1.32:1 OUT	
6	Power Handling:	Incident 50 W MAX. Reflected 2 W MAX.	Pass See Typical Characteristics	
7	Impedance	50 Ω	Pass	

QA/QC Approval: *[Signature]* PMI QA 2 *[Signature]* Date: 1/21/21



# SUMMARY TEST DATA ON PDC-418-20-50W-SFF

PL31160/2101





# SUMMARY TEST DATA ON PDC-418-20-50W-SFF

PL31160/2101

