



## SUMMARY TEST DATA ON 8SFB-2G18G-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: 8SFB-2G18G-SFF  
 Serial No: PL56214/2545

Tested By: K. Wagaman  
 Temperature: 25°C  
 Date: 11/7/2025  
 Drawing No: 27645340 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA4
2	Insertion Loss	8dB Typ, 10 dB Max	Channel 1: 4.4 dB Channel 2: 4.1 dB Channel 3: 4.1 dB Channel 4: 4.5 dB Channel 5: 5.3 dB Channel 6: 5.9 dB Channel 7: 6.4 dB Channel 8: 8.1 dB	
3	VSWR: In/Out	2:1 Max.	Channel 1: 1.7:1 Channel 2: 1.3:1 Channel 3: 1.3:1 Channel 4: 1.4:1 Channel 5: 1.5:1 Channel 6: 1.4:1 Channel 7: 1.3:1 Channel 8: 1.6:1	
4	Pass Band Ripple	±0.5 dB Typ., ±1.0 dB Max.	Channel 1: ±0.8 dB Channel 2: ±0.4 dB Channel 3: ±0.3 dB Channel 4: ±0.3 dB Channel 5: ±0.5 dB Channel 6: ±0.4 dB Channel 7: ±0.6 dB Channel 8: ±0.9 dB	
5	Rejection	60 dB At Channel Frequencies: 1: 4.6-13.75 GHz 2: 3.25 GHz, 7.25 GHz 3: 3.75 GHz, 9.25 GHz 4: 6.75 GHz, 11.25 GHz 5: 8.75 GHz, 13.25 GHz 6: 10.75 GHz, 15.25 GHz 7: 12.75 GHz, 17.25 GHz 8: 14.75 GHz, 19.25 GHz	Channel 1: 68.2 dB Channel 2: 94.6 dB Channel 3: 91.5 dB Channel 4: 78.1 dB Channel 5: 91.4 dB Channel 6: 78.4 dB Channel 7: 92.6 dB Channel 8: 66.2 dB	
6	Switching Speed	200 ns Max.	Pass See Typical Characteristics	
7	Input Power	15 dBm Max.	Pass See Typical Characteristics	
8	DC Supply	+12VDC @ 500 mA -12VDC @ 100 mA	+ VDC @ 453 mA - VDC @ 61 mA	

QA/QC Approval: *Cummins Kelly*

Date: 11/10/25

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