

Summary Test Data
For
DD-816-P-SMF

Customer: _____ Tested By: K Craven
SO No: _____ Temperature: +25° C
Model No: DD-816-P-SMF Date: 4/3/2025
Serial No: PL41907/2335 Drawing No: 27646740 REV: A2

Outline Specifications & Test Data

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Input Power	Test Results +25°	QA/QC
1	Frequency Range	8 to 16 GHz		8 to 16 GHz	PMI
2	VSWR In @ -23dBm	3.5:1 MAX. ¹	-10 dBm	3.08:1	QA2
3	Frequency Flatness	±0.6 dB Typ, ±1.0 dB Max ^{1,2}	-10 dBm	±0.7dB	
4	TSS(5MHz Filter BW, 3dB NF amplifier)	-48 dBm MAX. ³	-48 dBm	-59 dBm See Plot	
5	Output Voltage vs Load	15 mV MIN @ 100 ohms/ 80 mV Min @ Open ¹	-10 dBm	30 mV @ 100 ohms 86 mV @ Open	
6	Video Polarity	Positive		Positive	PMI QA2

QA/QC APPROVAL  PMI
QA2

DATE 4/14/2025

¹ Measured with 100Ω termination

² (mV in dB scale min to max)/2 (Measured -10dBm)

³ Measured @ 12 GHz