

**SUMMARY TEST DATA
ON
PE2-12-30M40G-5R5-18-12-292FF**

Customer: _____
 SO No: _____
 Model No: PE2-12-30M40G-5R5-18-12-292FF
 Serial No: PL52009/2513

Tested By: A. Mousavi
 Temperature: +25° C
 Date: 27/3/2025
 Drawing No: 27637300 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.03 to 40.0 GHz	0.03 to 40.0 GHz	
2	Gain:	12dB Typ.	15.5 dB Max. 10.7 dB Min. See Plot	
3	Gain Flatness:	±2.75 dB Typ.	±2.44 dB See Plot	
4	Noise Figure:	5.5 dB Typ. (*)	12.1 dB (30-500 MHz) 6.1 dB (0.5-26.5 GHz) See Plot	
5	OP1dB:	16 dBm Min.	19.19 dBm See Graph	
6	VSWR Input/Output:	2.2:1 Typ.	2:1 In 2.1:1 Out See Plot	
7	DC Supply:	+12 to +15 VDC @ 230 mA Nominal.	+12 to +15 VDC @ 200 mA	

(*)Noise figure only valid above 1 GHz

QA/QC Approval: *Cameron Kelly*

Date: 3/28/25



