

**Summary Test Data  
ON  
APD-8-1G6G-292FF**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: APD-8-1G6G-292FF  
Serial No: PL59291/2617

Tested By: K. Wagaman  
Temperature: +25 °C  
Date: 4/24/2026  
Drawing No: 27653743 Rev: A1

| TEST ITEM NO. | PARAMETERS  | SPECIFIED VALUE  | TEST RESULTS +25°C               | QA QC |
|---------------|---|--|----------------------------------|-------|
| 1             | Frequency Range:                                  | 1 GHz – 6 GHz  | 1 GHz – 6 GHz                    |       |
| 2             | Insertion Loss:                                   | 1 to 2 GHz – 2 dB Max.<br>2 to 6 GHz - 2.5 dB Max.     | 1.42 dB<br>1.71 dB<br>See Graph  |       |
| 3             | Isolation:  | 1 to 2 GHz – 10 dB Typ.<br>2 to 6 GHz - 20 dB Typ.     | 11.2 dB<br>19.4 dB<br>See Graph  |       |
| 4             | VSWR:<br>(Input)                                  | 1 to 2 GHz – 2.6:1 Max.<br>2 to 6 GHz - 2.1:1 Max.     | 2.26:1<br>1.71:1<br>See Graph    |       |
| 5             | VSWR:<br>(Output)                                 | 1 to 2 GHz – 1.5:1 Max.<br>2 to 6 GHz - 1.7:1 Max.     | 1.2:1<br>1.49:1<br>See Graph     |       |
| 6             | Amplitude Balance:                                | 1 to 2 GHz - ±0.5 dB Max.<br>2 to 6 GHz - ±0.3 dB Max. | ±0.05 dB<br>±0.1 dB<br>See Graph |       |
| 7             | Phase Balance:                                    | 1 to 2 GHz - 3° Max.<br>2 to 6 GHz - 4° Max.           | 0.6°<br>1.4°<br>See Graph        |       |
| 8             | Insertion Loss Flatness<br>(Ref Line of Best Fit) | 1 to 6 GHz - ± 1 dB Max.                               | ±0.07 dB                         |       |

Note: Amplitude and Phase Balance are relative to J2 port.

\* FOR ALL OTHER SPECIFICATIONS PLEASE SEE THE TYPICAL CHARACTERISTICS ON THE COMPANY WEBSITE

QA/QC Approval: \_\_\_\_\_

Date: \_\_\_\_\_





