

6-18 GHz 26 dBm Gain Module

FEATURES

- P₋₁ dB: 26 dBm
- Small Signal Gain: 9.0 dB
- Bias Condition: 200 mA @ 8 V

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

| SYMBOL | DESCRIPTION | MIN | TYP | MAX | UNITS |
|--------------------------|---------------------------------------|------|-------|-------|-------|
| FREQ | Frequency Range | 6 | | 18 | GHz |
| SSG | Small Signal Gain | 8.0 | 9.0 | | dB |
| GOF | SSG Flatness | | ± 0.4 | ± 0.5 | dB |
| P₋₁ dB | Output Power at 1 dB Gain Compression | 25.5 | 26 | | dBm |
| P₋₃ dB | Output Power at 3 dB Gain Compression | 27 | 28 | | dBm |
| VSWR, IN | Input VSWR | | 1.7:1 | 1.8:1 | - |
| VSWR, OUT | Output VSWR | | 1.7:1 | 1.8:1 | - |
| VDC | Supply Voltage | | 8 | | Volt |
| IDC | Current Supply | | 200 | 240 | mA |

CARRIER: S41 / Z41 / S42 / Z42