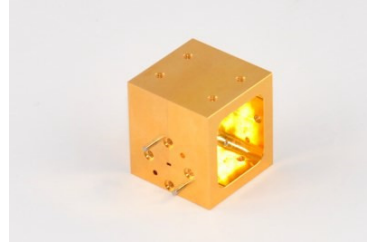


Datasheet
Description

A high efficiency x3 passive multiplier series covering full WR-05 band (140-220 GHz).


Features

- High efficiency
- Full band frequency coverage
- Fixed tuned
- Unbiased planar diodes

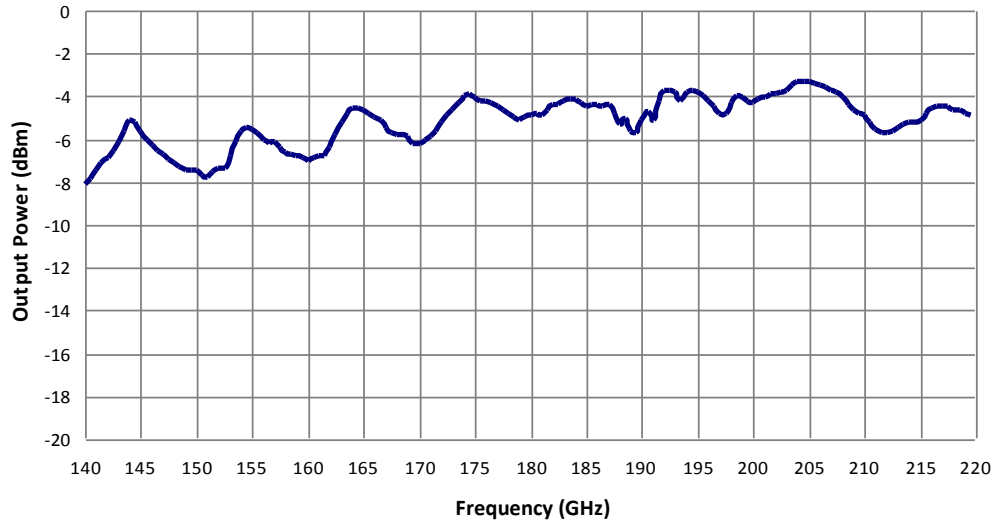
Applications

- Frequency multiplication
- Mm-Wave instrumentation
- Signal source frequency extension
- Test and measurement

| Specification | Unit | Min | Typ | Max |
|------------------------|------|-----------------|-----|-----|
| Output Frequency Range | GHz | 140 | | 220 |
| Frequency Band | | G | | |
| Waveguide Designation | | WR-05 | | |
| Multiplication Factor | | 3 | | |
| Input Power Range | dBm | +5 | | +13 |
| Output Power Range | dBm | | -6 | |
| Efficiency | % | 3 typ. | | |
| Input Flange | | WR-15 UG385/U | | |
| Output Flange | | WR-05 UG387/U-M | | |
| Bias Required | | None | | |

Datasheet

Typical FT-05 Output Power



Notes:

Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions.