

Multipack Receiver or Converter

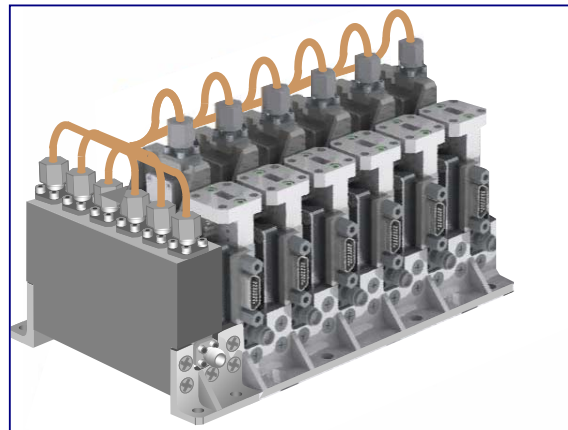
(external LO (MLO), external Power Supply)

Multipack assemblies are configurable in one to twelve RF chains per assembly: Singles, two-packs, 3-packs, and up to 12-packs.

Key Features

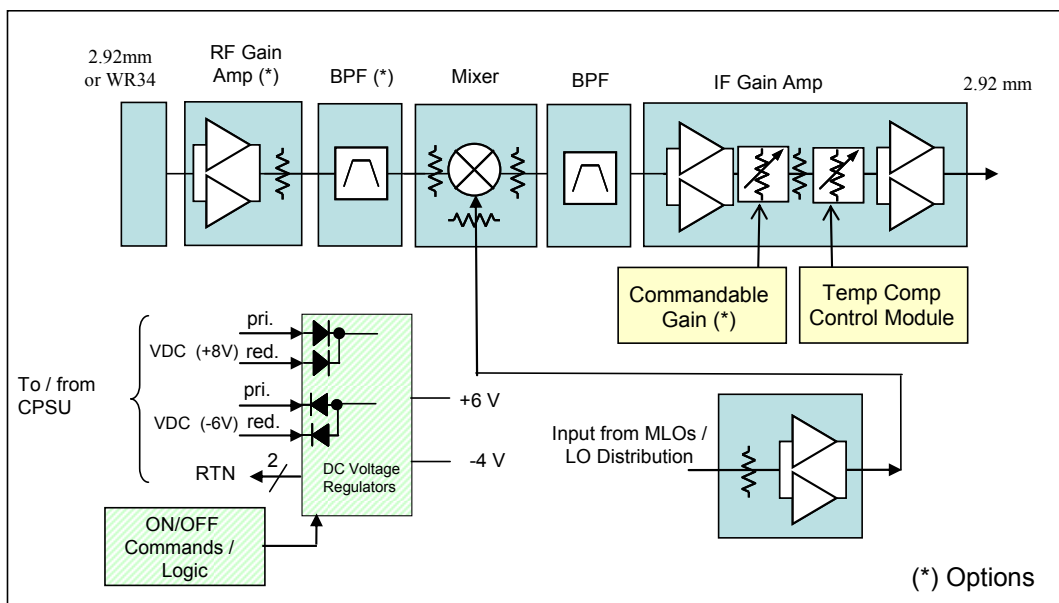
- Multipack Assemblies
- Internal Voltage Regulators
- Individual Unit On/Off Command & TM
- Internal Band Pass Filters: High Q combine filters in RF and IF paths reduce out-of-band signals, spurious and image responses.
- Receiver and Downconverter Configurations
 - Rx: Up to 67 dB gain and < 2.7 dB NF
 - D/C: typical 20 to 35 dB gain
- Small Footprint: 7.2" x 3.8" per 6-pack with Integral LO Distribution
- Low mass
 - <300 grams typical per RF slice with Integral LO Distribution
 - <600 grams typical per RF slice with Integral LO Distribution and inclusive of MLOs and CPSUs
- I/O options include WR34, WR28, 2.92mm
- Options:
 - Commandable Gain
 - LNA RF Output
 - Integral LO Distribution
- Qualified to all major satellite bus and environment interfaces.

Six-Pack Ka Band Receivers or Downconverters With LO distribution (external MLO)



Multipack Receiver or Converter – Block Diagrams

Ka Band Downconverter Block Diagram – Single Slice



Ka Band Receiver Block Diagram – Single Slice

