

1:2 Ku-Band LNA Plate Assembly

- Qty 3 RF27060A Ku-Band LNAs

- 10.95 - 12.75 GHz Input
- 70K Noise Temperature
- 60 dB Gain

Teledyne Paradise Datacom Ku-Band 1:2 Redundant LNA System

- Qty 3 RF27060A Ku-Band LNA
- 10.95 - 12.75 GHz Input
- 70K Noise Temperature
- 60 dB Gain
- Fault Alarms
- 1:2 Redundant System
- RCP2-1200 Controller, Switch Plate, 100 ft. Cable)

At the heart of all Paradise Datacom redundant LNA systems are the field-proven low noise amplifier product lines.

Available in all common Ku-Band frequencies, and offering state-of-the-art noise temperature performance, these LNAs can be configured for use in 1:1, 1:2 and custom redundant systems.

System monitoring and control is provided through the microprocessor-based RCP2-1100 and RCP2-1200 redundant system controllers.

LNA plate assemblies are designed for convenient integration into any antenna hub or facility with RF and user interfaces readily accessible.

Common feed interfaces are offered as standard and isolation is provided at all RF interfaces. A range of RF hardware options and custom plate configurations are offered to meet specific system requirements.

LNA Plate

- Compact plate assemblies facilitate convenient antenna hub mounting
- Standard feed orientations
- State-of-the-art noise temperatures provided by Paradise Datacom LNAs
- All LNAs contain integral RF isolators

Control Panel

- User-friendly M&C provided locally as well as through a standard serial I/O. (RS-232, 485 or optional Ethernet interfaces)
- Auto-ranging redundant power supplies: 85-264 VAC @ 47 to 63 Hz
- High system level reliability

Options

- LNB Redundant Systems
- Transmit-band Reject Filter
- Off-line RF I/O
- Waveguide Test Inject Input Coupler
- Coaxial Output Coupler
- Custom LNA Plate Configurations
- -48 VDC Operation
- Remote Control Panels

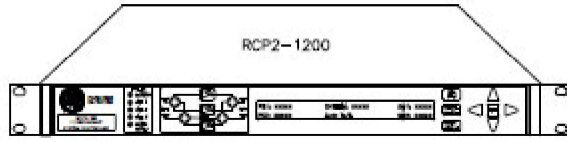
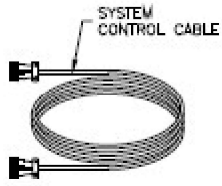
RCP2-1200 Front Panel Overview for use with 1:2 Redundant Systems



RCP2-1100/1200 Rear Panel



Ku-Band 1:2 LNA Plate Outline



I/O PANEL DETAIL

