

## Digital/Analog Microwave Link 1.3 GHz to 15.4 GHz

### Applications:

- STL/TSL
- ENG backhaul
- Satellite backhaul
- Multi-hop systems

### Features:

- Supports FM, VSB, QPSK, COFDM and 16 to 128QAM
- Transport data rates to 120 Mbs
- Smart display system using back-lit, multi-line LCD for all system control and alarm
- Broadband linearized RF power amplifiers
- Low noise high dynamic gain LNA with AGC
- RS232 and Ethernet control and monitoring interfaces
- Split chassis design, no extender cards necessary
- Available in simplex, duplex and various hot standby protection configurations
- 2RU

### Options:

- Two broadband high power options available
- Simplex, duplex and hot standby
- System design, integration and commissioning



The NuLinx is a significant move forward over existing fixed link systems available today and brings new meaning to the word flexibility. The new LCD front panel menu with control and monitoring software is a powerful feature that greatly enhances control and visibility of system parameters and diagnostics. Other new features include frequency agility, remote control and monitoring via Ethernet or RS232 interfaces.

Designed with high performance RF components, the NuLinx system is ideal for virtually any digital or analog transport requirement. The basic digital radio interfaces to a companion digital modem via a 70 MHz IF signal. Nucomm carries a full line of digital modems that can be configured to transport data rates to 120 Mbs with single or multiple interfaces (multiplexed) as required.

The system is designed for easy integration and service with Nucomm's popular split chassis design. The system can be configured for simplex, duplex, fully redundant hot standby and frequency or space diversity.

The NuLinx is available in bands from 1.3 GHz to 15.4 GHz.