

L-Band & 70/140MHz IF Signal Distribution

- **High Performance**
- **High Reliability**
- **SNMP Monitoring**

Fiber Optics

7707LTA/LR L-Band Fiber TX/RX
7707IFT/IFR 70/140MHz IF Fiber TX/RX

- 950MHz-2250MHz operation (L-Band)
- 10MHz-300MHz operation (IF)
- Protocol independent - any modulation format
- Flat frequency response
- Wide dynamic range
- High linearity
- Low noise
- Comprehensive status monitoring via SNMP
- Built-in optical and RF power meters
- Short and long haul versions
- Automatic and manual gain control
- 1310nm, 1550nm, CWDM and DWDM

Distribution Splitters

7703DA4-RF 1x4 Active Splitter
7703DA8-RF 1x8 Active Splitter

- 10MHz-3GHz operation
- Flat frequency response
- Wide dynamic range
- High linearity
- Low noise
- Fixed and adjustable gain versions
- LNB power with over-current protection
- Modular design for easy expansion
- SNMP and non-SNMP versions available

Protection Switching

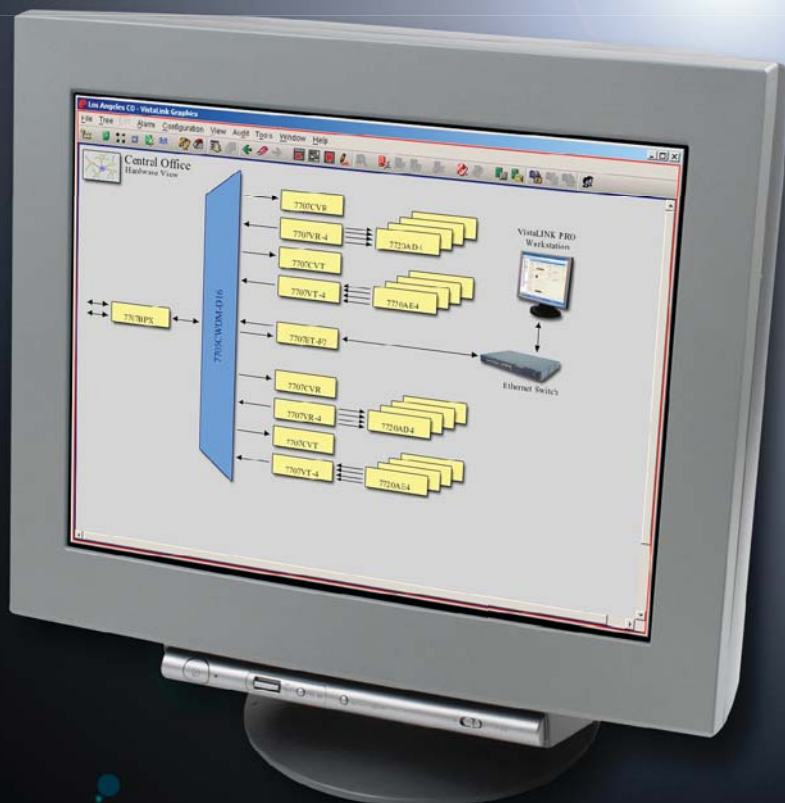
7703BPX-IFF 70/140MHz IF 2x1 Protection Switch
7703BPX-LB L-Band 2x1 Protection Switch

- 950MHz-2250 operation (L-Band)
- 10MHz-850MHz operation (IF)
- Intelligent auto-switching with input power detection
- Maintains RF channel on loss of AC power
- Supports automatic or manual control

RF Routers

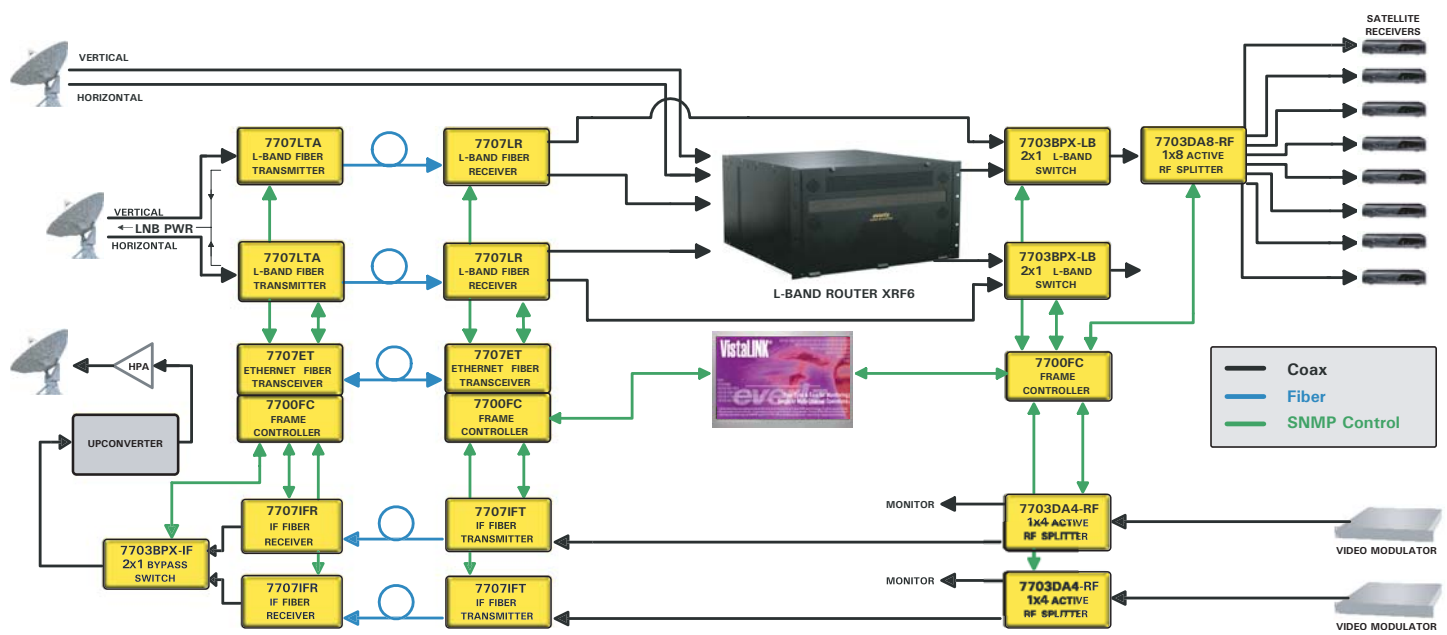
XRF6 Modular L-Band Router

- 64x64 in 6RU
- Expandable from 16x16 to 512x512



L-Band & 70/140MHz IF Signal Distribution

RF Uplink/Downlink Facility Application



Optical Transmitters/Receivers

- 7705IFT/IFR 70/140MHz Transmitters & Receivers
- 7707IFT/IFR 70/140MHz Transmitters & Receivers with VistaLINK® SNMP Monitoring
- 7705LTA/LR L-Band Satellite Transmitters & Receivers
- 7707LTA/LR L-Band Satellite Transmitters & Receivers with VistaLINK® SNMP Monitoring

RF Routers

- XRF6 Modular L-Band Router

Active Splitters/Distribution Amplifiers

- 7702DA4-RF 10MHz - 3GHz RF 1x4 Active Splitter
- 7703DA4-RF 10MHz - 3GHz RF 1x4 Active Splitter with VistaLINK® SNMP Monitoring
- 7702DA8-RF 10MHz - 3GHz RF 1x8 Active Splitter
- 7703DA8-RF 10MHz - 3GHz RF 1x8 Active Splitter with VistaLINK® SNMP Monitoring

RF Path Protection Switches

- 7702BPX-IF 2x1 RF Protection Switch for IF Frequencies
- 7703BPX-IF 2x1 RF Protection Switch for IF Frequencies with VistaLINK® SNMP Monitoring
- 7702BPX-LB 2x1 RF Protection Switch for L-Band Frequencies
- 7703BPX-LB 2x1 RF Protection Switch for L-Band Frequencies with VistaLINK® SNMP Monitoring

Optical Path Protection Switches

- 7707BPX 2x1 Optical Bypass Protection Switch

Datacom/Control

- 7707DT Multi RS232/422/485 Fiber Data Transceiver, with VistaLINK® SNMP Monitoring
- 7707ET 10/100 BaseT Ethernet Fiber Transceiver, with VistaLINK® SNMP Monitoring
- 7707ET-TE1 10/100 BaseT Ethernet & T1/E1 Fiber Transceiver, with VistaLINK® SNMP Monitoring
- 7707ET-4 Quad 10/100 BaseT Ethernet Fiber Transceiver, with VistaLINK® SNMP Monitoring

WDM, CWDM, DWDM

- 7705WDM13/15 1310/1550nm Wavelength Division Multiplexor
- 7705CWDM-M4/D4 4 Channel CWDM Mux/Demux
- 7705CWDM-M8/D8 8 Channel CWDM Mux/Demux
- 7705CWDM-M8LB/D8LB 8 Channel Low Band CWDM Mux/Demux for 16 channel system
- 7705DWDM-M8-33/D8-33 8 Channel Cascadeable DWDM Mux/Demux 100GHz, ITU C33-C40
- 7705DWDM-M8-25/D8-25 8 Channel Low Band DWDM Mux/Demux 100GHz, ITU C25-C32

Optical Splitters/Combiners

- 7705DS 1:2 Optical Splitter (50/50)
- 7705MS 1:2 Optical Splitter (80/20)
- 7705DS-8 1:8 Optical Splitter

SNMP Monitoring

- 7700FC VistaLINK® Frame Controller

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