



OPTICAL SOLUTIONS



TOUGH TECHNOLOGY.

Head End / Hub Solutions

LB100Rx

Lindsay Broadband LB100Rx series of optical return path receivers are 19" IRU rack mount receivers with (4) four independent return path optical receivers.



LBTC

LB-TC series of rack mount optical transmitters are high performance, low noise DFB direct modulated lasers with single optical output powers from 4mw to 20mw, in 2mw steps. Transmit wavelengths are 1310nm, 1550nm or CWDM wavelengths.



LB-1550FA

LB-1550FA series of rack mount EDFA's are high performance optical amplifiers. They are available in 14 to 23dBm output power in 1dBm steps.



LB-EDFA-1550H

LBAP-1550H

LB-EDFA-1550H Series are high output EDFA's: 25-37dBm, with 4,8,16, or 32 ports. The LB-EDFAP multiplexes the outputs of the EDFA with OLT inputs for a PON + CATV overlay.



LB-RFoG4U

RFoG-4U Optical chassis platform is for a full-functioning RF over Glass system. The platform includes a full complement of optical transmitters, receivers and multi port EDFA modules.



LBAGX

The LBAGX family of modules include, Optical splitters, couplers, CWDM MUX and Demux modules. Modules will fit most existing rack mount chassis, or the LBAGX chassis complements the package.



Family of Optical Node Units (ONUs)

Lindsay Broadband family of Optical Node Units (ONU's) are specifically designed to meet HFC, Fiber Deep, Multiple dwelling unit (MDU), and RFoG architecture requirements for the growing FTTx Network.

- **LBON4000**

2 or 4 port Outdoor ONU.
Designed for HFC Fiber Deep architectures.



- **LBN-200**

1 or 2 port Indoor/Outdoor RFoG ONU. HFC Fiber Deep architectures. Optional 120/240VAC powering for MDU applications. Burst Mode return transmitters available in FP or DFB, 1310nm, 1610nm or CWDM wavelengths.



- **LB-ONU50**

High-output indoor optical fiber node with optical AGC. Designed for MDU, business and university applications.



- **LBVM900**

High-output optical fiber node in a compact die-cast aluminum housing. Designed for MDU, business and university applications.



- **OFN1020 Series**

Compact, indoor fiber to the premises (FTTP) optical node.



- **LB-ON-300AC**

Subscriber Premise RFoG ONU, with optical AGC and Burst mode return lasers. Optional PON pass – through port.



Optical Component Solutions

LB Transceiver

The Small Form-Factor Pluggable (SFP) optical transceiver is a compact, and hot pluggable enabling a single network device to connect to a fiber cable network using a wide variety of speeds, distances and interfaces. Transceivers available in SFP,SFP+,XFP,X2 and also CWDM and DWDM applications.



LBMC

Lindsay Broadband's Media converters provide an ideal solution for point to point Commercial/Business opportunities. A perfect match with Lindsay's SFP's.



LPM

Lindsay Broadband's planar lightwave circuit (PLC) splitters are an optical power management, featuring small size, high reliability, wide operating wavelength range and good channel-to channel uniformity. Multiple Packaging options available.



LB-MUX/DEMUX

Lindsay Broadband provides a menu of CWDM and DWDM Mux/DeMux and CWDM Add/Drop filters that can be combined to provide flexible and scalable networking solutions.



Optical Closure Solutions

• LB-FDH

The LB-FDH series of outdoor cabinets is an innovative solution that optimize Size, Density and Access to efficiently manage cable routing for feeder/distribution cables, and optical splitters.

The LB-FDH PON cabinets, combined with our hardened PLC optical splitters is the complete solution to provide the interconnect from the feeder network to the distribution network in a FTTx PON architecture.



• LB-TBA/TBB

The LB-TBA (8adapter) and TBB (16 adapter) Compact Termination Box are designed to transition from outdoor incoming fiber to indoor fiber drops. Perfect for MDU applications. The LB-TBA/TBB are equipped with a hinged adapter tray that allows for fiber splicing, storage and optical splitter installation.



• LB-TB2

The LB-TB2 Compact Subscriber Premise Termination Box is an indoor/outdoor plastic wall mount termination box. It is capable of handling up to 2 SC adapters or 4 LC adapters.



• LB-TB1

The LB-TB1 Compact Subscriber Premise Termination Box is an economical indoor plastic wall mount termination box.



Stand Alone CPE Un-interruptable Power Supply

LB-CPE-UPS

Lindsay Broadband LBCPE-UPS backs up critical subscriber premise RF and Optical equipment from unanticipated power disruptions. Packaged with Optical node or can be used in a stand alone version.



Fiber Optic Service Cables

LBSC

Lindsay Broadband Optical Service Cable product family are custom built to your requirements; (# of fibers, length, type of connector, jumper style or pigtail style). Specially designed Nickel Plated Brass feed – through 5/8" x 24 housing adapter prevents optical cables and transition cables from twisting.

