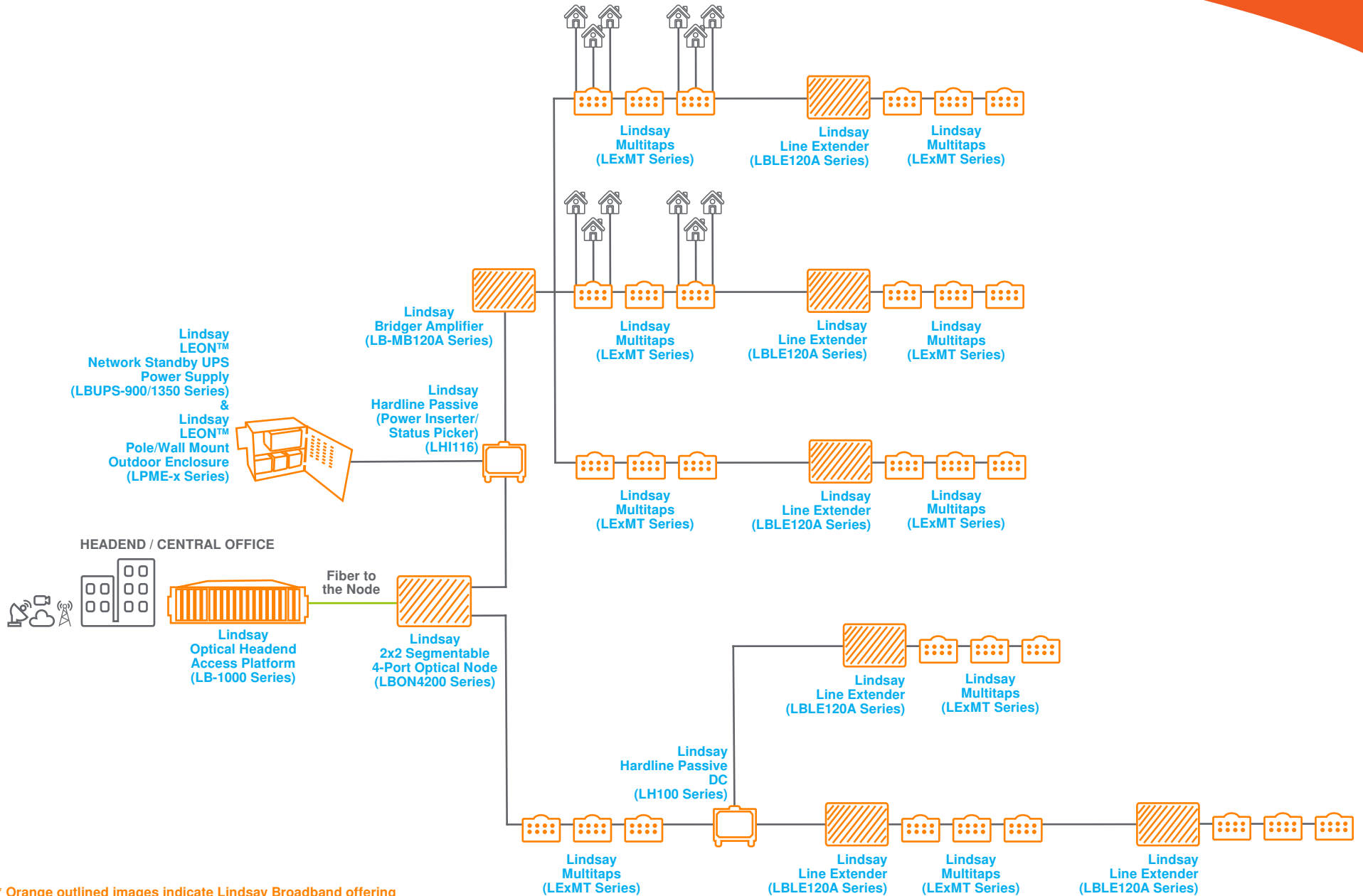


FIBER DEEP HFC ARCHITECTURE





Lindsay combines our LB-1000 optical platform with our LBON4200 2x2 segmentable node to place fiber deeper into the system network. RF output from the optical node feeds the coax architecture, LB-MB-120A bridger amplifiers, and LBLE-100A line extenders through to Lindsay's LExMT series of multitaps to give a complete end-to-end hybrid fiber coax (HFC) architecture.

OPTICAL HEADEND ACCESS PLATFORM LB-1000 SERIES



FEATURES

- High density, 3RU chassis with 18 slots for active application modules
- Plug & play hot-swappable application modules with auto-config feature
- C-Band DWDM wavelengths available upon request (C20 to C59)
- Low power consumption saves OpEx – max 360 W with fully loaded configuration
- Complete range of hot-swappable, robust, optical application modules for HFC, RFoG, & PON/video overlay related applications

Full details here: <https://www.go2mhz.com/product/optical-headend-platform/>

1.2 GHz 2x2 SEGMENTABLE 4-PORT OPTICAL NODE LBON4200 SERIES



FEATURES

- Strand-mounted diecast housing
- Dual gaskets provide 15 PSI weather-tight seal
- 2x2 segmentable node with high-level output ports & low distortion
- Can be converted from a 1x4 node into a 2x2 segmentable node
- 1.2 GHz +50 dBmV output capabilities
- 1310, 1550 & CWDM return options
- DFB return path optical transmitters
- 40-90 VAC cable plant-powered
- AGC (Automatic Gain Control)
- Diplex filters available in 42/54 & 85/102 MHz
- On board equalization adjusted by 1 dB stepped plug-in attenuator
- Operating Temperature: -40°C to +60°C (-40°F to +140°F)

LEON™ STANDBY POWER SUPPLIES LBUPS 900 & 1350 SERIES



FEATURES

- Industry-proven, backup power solutions for cable systems in outdoor powering applications
- Available in 900 or 1350 W
- Line-interactive ferroresonant technology
- Microprocessor controlled clean & regulated quasi-square wave output
- 3.2" (8.1 cm) color touch screen display provides user-friendly operation
- Intelligent battery management system with temperature compensation
- Excellent input & output short circuit protection
- Easily accessible front panel connections
- Hot-swappable inverter modules
- Field-selectable output voltage
- Optional DOCSIS® / EuroDOCSIS™ embedded status monitoring

Full details here: <https://www.go2mhz.com/product/standby-power-supplies/>

LEON™ POLE/WALL MOUNT OUTDOOR ENCLOSURE LPME-x SERIES



FEATURES

- Pole & wall mount installations
- Durable, powder coated aluminum
- Heavy-duty battery slide tray
- Optional external breaker box
- Generator access entry
- Security lock

Full details here: <https://www.go2mhz.com/product/standby-power-supplies/>



1.2 GHz HARDLINE PASSIVE - POWER INSERTER / STATUS PICKER

LHI116

FEATURES

- Support DOCSIS® 3.1 bandwidth to 1.2 GHz
- 20 A current capacity
- 6 kV surge protection
- Low insertion loss
- 15 PSI pressure withstand
- Polyurethane coated 360 aluminum alloy housing
- Separate gaskets for weatherproofing & RFI integrity
- Shorting bars to disable power



Full details here: <https://www.go2mhz.com/product/1-22-ghz-directional-coupler-splitters-power-inserters/>

BRIDGER AMPLIFIER

LB-MB120A SERIES

FEATURES

- 1.2 GHz performance with low, mid & high split options
- Up to three outputs
- 47 dB max gain forward; 22 dB max gain reverse
- User-selectable AGC & MGC mode in forward direction
- Low power consumption
- 40-90 VAC HFC power supply
- Superior heat dissipation
- Operating Temperature: -40°C to +60°C (-40°F to +140°F)
- 6 kV surge protected
- 15 PSI pressure tested housing



1.2 GHz EXTREME BANDWIDTH OUTDOOR MULTITAPS

LExMT SERIES

FEATURES

- 5-1218 MHz bandwidth
- 12 A current capacity
- Aluminum alloy housing used for corrosion resistance
- Rubber gasket & RFI shielding at 120 dB
- Blocking capacitors on the F-ports for extended surge resistance
- Epoxy-sealed & nickel plated brass F-ports
- Double polyurethane coating for greater weather protection
- Power passing option: CB continuous through signal without faceplate
- Easily interchangeable 2/4-port faceplates



Full details here: <https://www.go2mhz.com/product/tough-series-multitaps/>

1.2 GHz HIGH OUTPUT, BI-DIRECTIONAL LINE EXTENDER

LBLE120A SERIES

FEATURES

- 1.2 GHz performance
- Field-upgradeable diplex filter options
- 41 dB max gain in forward
- 28 dB max gain in reverse
- E-PAK (electronics module) mechanically compatible to fit in legacy line extender housings
- GaAs hybrid technology
- User-selectable AGC & MGC mode in forward path
- Low power consumption
- 40-90 VAC HFC power supply
- Superior heat dissipation
- Operating Temperature: -40°C to +60°C (-40°F to +140°F)
- 6 kV surge protected
- Onboard equalization adjusted by JXP pads (attenuators)
- 15 PSI pressure tested housing



Full details here: <https://www.go2mhz.com/product/dual-output-line-extender/>



1.2 GHz HARDLINE PASSIVE - DIRECTIONAL COUPLER

LH100 SERIES

FEATURES

- Support DOCSIS® 3.1 bandwidth to 1.2 GHz
- 20 A current capacity
- 6 kV surge protection
- Low insertion loss
- 15 PSI pressure withstand
- Polyurethane coated 360 aluminum alloy housing
- Separate gaskets for weatherproofing & RFI integrity
- Shorting bars to disable power

Full details here: <https://www.go2mhz.com/product/1-22-ghz-directional-coupler-splitters-power-inserters/>

