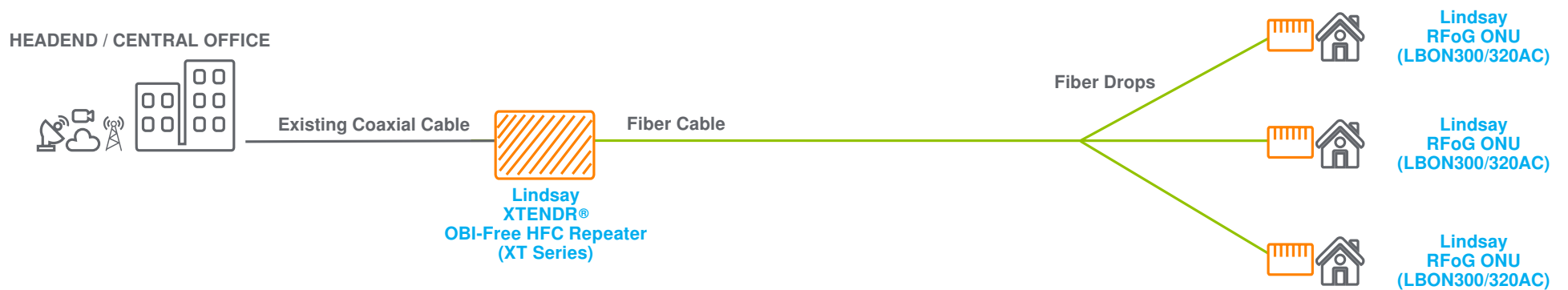


RURAL BROADBAND CONNECTIVITY SOLUTIONS

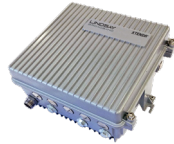


* Orange outlined images indicate Lindsay Broadband offering



Lindsay's XTENDR® HFC repeater is designed for easy extensions of existing HFC networks. The XTENDR device provides a suitable migration path and cost-effective connection of customers in rural areas using fiber optics without overbuilding the coaxial footprint of the HFC plant. The XTENDR device includes a forward optical transmitter with an optional optical amplifier providing high output power to convert downstream RF signals to optical, and reverse optical receivers to convert upstream optical signals to RF. Customers that previously could not be reached with the traditional HFC network can now be served by using the HFC repeater in combination with Lindsay's 1.2 GHz LBON320/300 AC series of mini RFoG node at the customer premise. Up to 32 rural subscribers can be reached within a distance of 20 km (65,000'/12.5 mi) using this device. Many other designs can be implemented to serve up to 64 rural subscribers from a single device within 9.5 km (31,680 ft/6 mi).

XTENDR® HFC REPEATER XT SERIES



FEATURES

- Designed for easy extensions of existing HFC networks
- Customers that previously could not be reached with the traditional HFC network can now be served by using the HFC repeater in combination with Lindsay's LBON series of mini RFoG nodes at the customer premise
- Up to 32 rural subscribers can be reached within a distance of 20 km (65,000'/12.5 mi). Supports up to 64 subscribers on a single device up to 9.5 km (31,680'/6 mi)
- 1218 MHz bandwidth & a variety of diplex filter split options to choose from (42/54, 85/102, 204/258 MHz plug-in diplex filter)
- Multi-diode return receivers eliminate OBI
- Available in 2, 4, 8 or 16-port configurations

Full details here: <https://lindsaybb.com/products/optical-solutions/rfog-solutions/xtendr-hfc-repeater-xt/>

1.2 GHz & 1 GHz CUSTOMER PREMISE RFOG ONUs LBON320/300 AC SERIES



FEATURES

- Input Optical Wavelength: 1550 nm
- Optical AGC: -6 to +2 dBm
- Thermally stable DFB burst-mode laser
- Transmit Wavelengths: 1310 nm, 1610 nm or CWDM
- Downstream Bandwidth: 54/85/102/258 MHz to 1218 MHz (54/85/102 MHz to 1002 MHz for LBON300AC)
- Upstream Bandwidth: 5 MHz to 42/65/85/204 MHz (to 42/65/85 MHz for LBON300AC)

Full details here: <https://lindsaybb.com/products/optical-solutions/rfog-solutions/cpe-rfog-optical-network-units-onus/1-2-ghz-cpe-rfog-onu-lbon320ac/>

<https://lindsaybb.com/products/optical-solutions/rfog-solutions/cpe-rfog-optical-network-units-onus/1-ghz-cpe-rfog-onu-lbon300ac/>