



## SERVICE GUIDE DEDICATED OPTICAL ETHERNET PRODUCT AND PRICING

### 1. SERVICE PRICES

<u>USOC</u>	<u>CLASS OF SERVICE</u>	<u>Class of Service - Dayton OOT</u>	<u>Class of Service Mason &amp; Lebanon OOT</u>	<u>Monthly</u>	<u>12 Month</u>	<u>24 Month</u>	<u>36 Month</u>	<u>48 Month</u>	<u>60 Month</u>	<u>84 Month</u>	
LVZHA	XL3ZJ	XDAZJ	WZTZJ	TBD	\$1,600.00	\$1,550.00	\$1,500.00	\$1,450.00	\$1,400.00	\$1,300.00	1 Gigabet Ethernet – Protected (1.0625)
LVZHB	XL3ZJ	XDAZJ	WZTZJ	TBD	\$800.00	\$775.00	\$750.00	\$725.00	\$700.00	\$650.00	1 Gigabet Ethernet – Unprotected (1.0625)
LVZHC	XL3ZJ	XDAZJ	WZTZJ	TBD	\$3,600.00	\$2,700.00	\$2,600.00	\$2,500.00	\$2,400.00	\$2,300.00	10 Gigabet Ethernet LAN/WAN-PHY – Protected
LVZHD	XL3ZJ	XDAZJ	WZTZJ	TBD	\$1,800.00	\$1,350.00	\$1,300.00	\$1,250.00	\$1,200.00	\$1,150.00	10 Gigabet Ethernet LAN/WAN-PHY – Unprotected
LVZHE	XL3ZJ	XDAZJ	WZTZJ	TBD	\$26,000.00	\$13,000.00	\$10,000.00	\$8,000.00	\$7,000.00	\$6,000.00	40 Gigabet – OC768 & OTU3/STM256 LAN/WAN-PHY – Protected
LVZHF	XL3ZJ	XDAZJ	WZTZJ	TBD	\$13,000.00	\$6,500.00	\$5,000.00	\$4,000.00	\$3,500.00	\$3,000.00	40 Gigabet - OC768 & OTU3/STM256 LAN/WAN-PHY – Unprotected
LVZHG	XL3ZJ	XDAZJ	WZTZJ	TBD	\$28,000.00	\$14,000.00	\$12,000.00	\$10,000.00	\$9,000.00	\$8,000.00	100 Gigabet Ethernet LAN/WAN-PHY – Protected
LVZHH	XL3ZJ	XDAZJ	WZTZJ	TBD	\$14,000.00	\$7,000.00	\$6,000.00	\$5,000.00	\$4,500.00	\$4,000.00	100 Gigabet Ethernet LAN/WAN-PHY – Unprotected
<b><u>Optional Features</u></b>											
DIVSB	XL3ZJ	XDAZJ	WZTZJ	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	Diverse Route – Same Central Office. Single entrance to the customer premise
DIVSC	XL3ZJ	XDAZJ	WZTZJ	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	Diverse Route – Same Central Office. Separate entrances to the customer premise
DCOSB	XL3ZJ	XDAZJ	WZTZJ	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	Diverse Central Office – Single entrance to the Customer premise.
DCOSD	XL3ZJ	XDAZJ	WZTZJ	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	Diverse Central Office – Separate entrances to the Customer premise

Per Port/Per circuit termination at each location (2-Ports per circuit)

Special Construction charges may apply

Expedite Charge, per order:	\$1,500.00	USOC: CX4LX
Design Change Charge, per order:	\$ 100.00	USOC: H28
Service Date Change Charge, per order:	\$ 100.00	USOC: OMC
Design Management Charge, per request circuit level moved:	\$1,150.00	USOC: PCC10
Circuit Identification Charge, per occurrence:	\$ 300.00	USOC: NRTAG

## 2. DESCRIPTION:

2.1 Dedicated Optical Ethernet Service is a service providing high bandwidth point-to-point connections utilizing an optical switch equipped network. Ethernet services are routed through a Dense Wave Division Multiplexing (DWDM) network using reconfigurable optical switches (ROADM) at core nodes within the network. Each service is routed transparently from point-to-point using individual DWDM wavelengths or a virtual optical transport network (OTN) facility. Dedicated Optical Ethernet Service is available with a one-year minimum period, under 12-month, 24-month, 36-month, 48-month, 60-month and 84-month periods

2.2 . Point-to-Point Service provides an optically switched network with customer dedicated services. The network architecture is designed to provide increased reliability and functionality connecting multiple customer-designated locations and specified Cincinnati Bell central Offices.

2.3 Customer provided equipment (CPE) must deliver the data signals for the Dedicated Optical Ethernet Service transport within the technical specifications for the subscribed data service. Technical specifications can be found in the Telcordia Technical Reference Publications and the following:

IEEE 802.3x  
TU-TG.872/G.709

2.4 When any additional services are added, such installations may cause a service interruption to existing unprotected services, or a protection switch on protected channels.

2.5 There are two basic rate elements which apply to Dedicated Optical Ethernet Service. The Port/per circuit termination can be located at either a customer premises or the Cincinnati Bell Central Office.

### 2.5.1 Customer Premises Port/per circuit termination

Provides for the termination of service at the customer's premises and presents the various selected ports to the customer. Applies per customer-designated premises.

### 2.5.2 Central Office Port/per circuit termination

Provides for the termination of service at a Cincinnati Bell Serving Wire Center. Applies per Node at the Cincinnati Bell Serving Wire Center.

2.6 Dedicated Optical Ethernet Service offers the following port interfaces:

2.6.1 Gigabit Ethernet - a version of Ethernet that allows data transmission rates of 1 Gbps.

2.6.2 10 Gigabit Ethernet- a version of Ethernet that allows data transmission rates of 10.7092 Gbps.

2.6.3 10 Gigabit Ethernet (WAN-PHY) - a version of Ethernet that allows data transmission rates of 10.3125 Gbps with a WAN-PHY only interface.

2.6.4 10 Gigabit Ethernet (LAN-PHY) - a version of Ethernet that allows data transmission rates of 10.3125 Gbps with a LAN-PHY only interface.

2.6.5 40 Gigabit Ethernet - a version of Ethernet that allows data transmission rates of 40.12 Gbps.

2.6.6 100 Gigabit Ethernet - a version of Ethernet that allows data transmission rates of 103.125 Gbps.

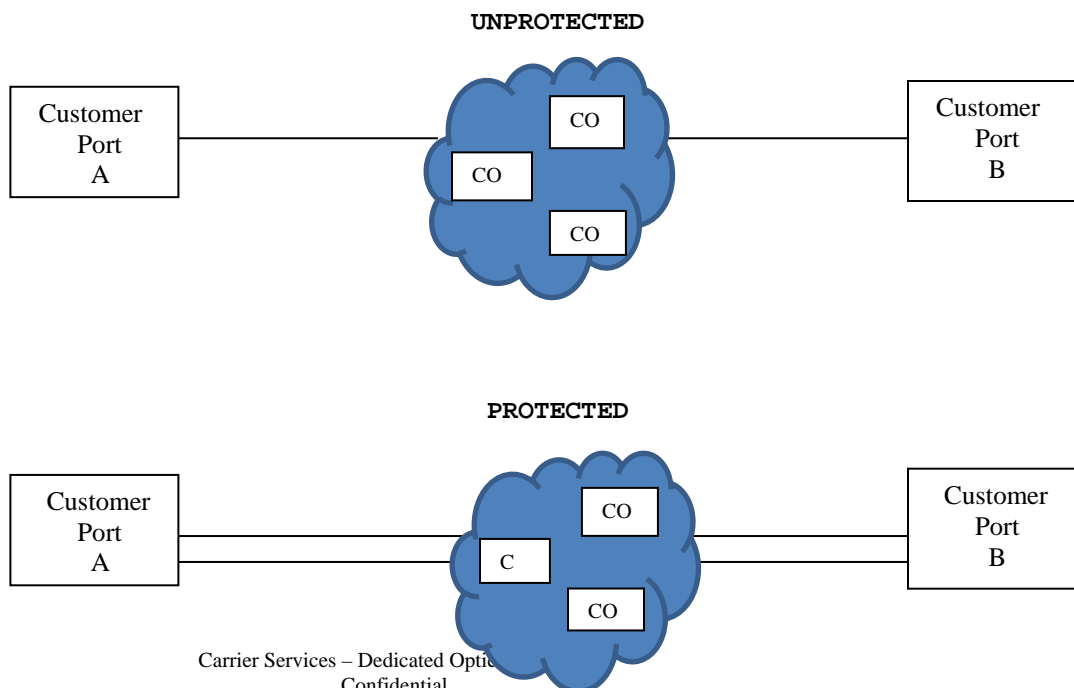
2.7 Customer has the option of purchasing route Diversity. There are 4 types:

Diverse Route – Same Central Office. Single entrance to the Customer premise.

Diverse Entrances – Same Central Office. Separate entrances to the Customer premise.

Diverse Central Office – Single entrance to the Customer premise.

Diverse Central Office – Separate entrances to the Customer premise.



THIS CINCINNATI BELL SERVICES AGREEMENT IS SUBJECT TO CINCINNATI BELL GENERAL TERMS AND CONDITIONS. BY SUBMITTING AN ACCESS SERVICE REQUEST, CUSTOMER ACKNOWLEDGES THAT CUSTOMER HAS READ, UNDERSTANDS, ACCEPTS AND AGREES TO BE BOUND BY ALL SUCH TERMS AND CONDITIONS.

### 3 SERVICE AND RATES

3.1 In addition to the Service Prices, Customer will incur any and all charges that may be mandated by any taxing authority or regulatory Commission with jurisdiction over Cincinnati Bell or Dedicated Optical Ethernet Service.

3.2 If Customer cancels, in whole or in part, any requested addition, rearrangement, relocation or other modification to Dedicated Optical Ethernet Service prior to completion thereof, Customer will reimburse Cincinnati Bell for the actual time and material expenses incurred by it in connection with such modification prior to Cincinnati Bell's receipt of notice of cancellation; provided, however, the amount of such reimbursement will not exceed the service, construction, installation, termination and other charges for which Customer would have otherwise been responsible.

3.3 If nonrecurring charges associated with the installation of Dedicated Optical Ethernet service are waived and the Dedicated Optical Ethernet service is then terminated prior to the expiration of the Initial Term, the Customer will become liable for payment of the waived charges.

### 4. TERM

4.1 Dedicated Optical Ethernet is available for a minimum term of one month or under a term payment plan of 12, 24, 36, 48, 60 or 84 months. If a Customer terminates a service, without cause, prior to the expiration of the term, the Customer will pay to Cincinnati Bell a termination charge equal to all remaining amounts due or to become due, including but not limited to all monthly charges for which Customer would have been responsible if the Customer had not terminated prior to the end of the applicable 12, 24, 36, 48, 60, or 84 month term payment plan.

4.2 The initial term for the individual services covered under this Supplement shall be specified in the applicable Access Service Request.

4.3 Following expiration of the term of a service covered under this Supplement, the service will automatically renew for a term of the same duration at the then-current rate in the rate schedule, unless either party provides written notice to terminate at least thirty (30) days prior to expiration of the initial or any renewal term.

### 5 . OUTAGE ADJUSTMENTS

5.1 An interruption of a service will start when an inoperative Dedicated Optical Ethernet service is reported to Cincinnati Bell and end when the service is operative.

5.2 Any service interruptions of a protected circuit greater than 2 consecutive seconds will result in a credit on one month's bill for the individual port- to-port connection involved. If the interruption occurs on an unprotected circuit, no credit shall be allowed for an interruption of less than thirty (30) minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction thereof that the interruption continues

5.3 In any month, the total credits per rate element as a result of an interruption or series of interruptions may not exceed 100 percent of the monthly charge for that particular rate element and are the complete and exclusive remedy to the Customer for service interruptions.