

## KEY TERMS

### **FTTP**

#### **FIBER TO THE PREMISES**

Providing last-mile fiber connectivity from the central office to residential and business subscribers.

### **PON**

#### **FIBER TO THE PREMISES**

A totally passive, point-to-multi point fiber-optic network that allows bandwidth sharing among users by means of splitters/couplers.

### **P2P**

#### **POINT-TO-POINT**

A fiber-optic network that delivers dedicated service from an active electronic element located in the central office or outside plant environment to the subscriber.

### **SPLITTER (COUPLER)**

A passive photonic device that divides and directs optical signals from one fiber to 2-32 individual fibers.

### **OLT**

#### **OPTICAL LINE TERMINAL**

An active component located in the CO used in Passive Optical Networks to manage two-way multiple shared connections created by splitters/couplers.

### **ONT**

#### **OPTICAL NETWORK TERMINAL**

A fiber-optic network that delivers dedicated service from an active electronic element located in the central office or outside plant environment to the subscriber.