

## **First One**

**Title:** FTTH PON OTDR Application Scenarios

### **Content:**

1. Measure from the user side to the front-end equipment room, or from the first-stage optical splitter to the front-end equipment room.
  2. The maximum test distance is 6.5Km (this distance is the distance through the optical splitter). It can pass the first or second maximum 64-channel optical splitter ( $N * M = 64$ , N represents the Quantity of the first stage optical splitter, M represents the Quantity of the second stage optical splitter).
  3. The laser of PON OTDR adopts a 1625nm wavelength and built-in optical isolator, which can achieve Real-Time Online Testing without turning off the optical signal.
  4. Only applicable to the network of PC or UPC connector.
  5. Used for testing fiber optic distance, attenuation loss, reflection loss, breakpoint, macro bend, optical splitter loss, joint loss, the loss of fusion, and other events.
  6. The test results are displayed in a linear topology view. Through graphs and numerical values, the test data can be read more intuitively, and the cause of the event can be analyzed, saving the operator's time.
- During the whole test process, one-button measurement, no need to set any parameters, the meter automatically sets.