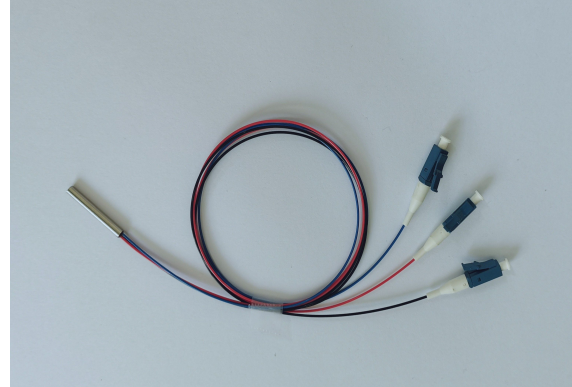
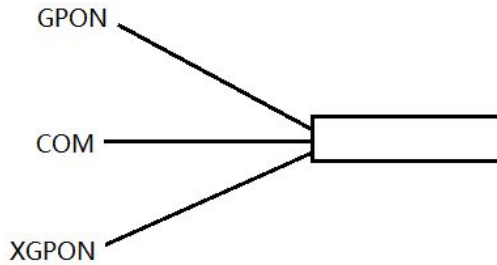


## Combo-PON

### G-PON & XG-PON Mixed Device



### Feature

- Low insertion loss**
- High return loss**
- High Isolation**
- High reliability & stability**
- Compactness**

### Application

- PON network upgrade**
- High speed network**
- Cable TV network**
- Multi-network overlapping**

### Performance Specifications

Parameter		Unit	Value
Operating Wavelength		nm	1260~1650
G-PON		nm	1290~1330 & 1480~1500
XG-PON		nm	1260~1280 & 1575~1580
Insertion Loss	Pass Channel	dB	≤0.6
	Reflection Channel	dB	≤0.4
Adjacent Channel Isolation		dB	≥30
Reflection Channel Isolation		dB	≥20
Directivity		dB	≥50
Return loss		dB	≥45
PDL		dB	≤0.10
Channel Ripple		dB	≤0.3
Power handling		mW	≤500
Operating temperature		°C	-25~ +85
Storage temperature		°C	-40 ~ +85
Package Size		mm	Φ 3.2*L18

Remark: 1. The reliability test conformed Telcordia GR-1221-CORE.  
2. Specifications without connector.

## Multi-funcation Module

-----with GPOM & XGPON & Video & Monitor



**GPON: 1290~1561nm**

**XGPON: 1260~1280nm & 1575~1580nm**

**Video: 1540~1560nm**

**Monitor: 1625~1650nm**

**Package size: 60\*40\*8mm**