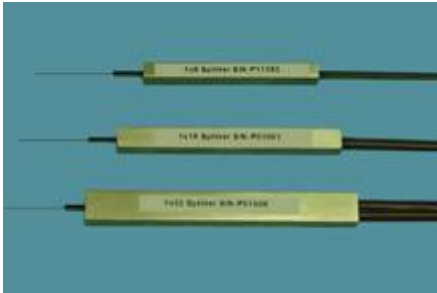


PLC (Planar Lightwave Circuits) Splitters



Features

- Low Insertion Loss
- Low PDL
- Excellent Environmental & Mechanical Stability
- Qualified Under Telcordia GR-1221 and GR-1209

Applications

- FTTX(FTTP,FTTH,FTTN,FTTC)
- Passive Optical Networks(PON)
- Local Area Networks(LAN)
- Cable Television
- Test Equipments

Performance Specifications

| Parameter | Specification | | | | | |
|-----------------------------|---------------|--------|--------|--------|--------|--------|
| Operating Wavelength (nm) | 1280 ~ 1650 | | | | | |
| Type | 1x4 | 1x8 | 1x16 | 2x16 | 1x32 | 2x32 |
| Insertion Loss (dB) Max.* | ≤ 7.3 | ≤ 11.0 | ≤ 14.0 | ≤ 14.3 | ≤ 18 | ≤ 18.8 |
| Uniformity (dB) Max* | ≤ 1.0 | ≤ 1.0 | ≤ 1.5 | ≤ 2.5 | ≤ 2.0 | ≤ 2.5 |
| PDL (dB) Max* | ≤ 0.3 | ≤ 0.3 | ≤ 0.4 | ≤ 0.4 | ≤ 0.45 | ≤ 0.45 |
| Dimensions (HxWxL) (mm) | 4x4x38 | 4x4x40 | 4x5x50 | 4x7x60 | 4x7x60 | 4x7x70 |
| Directivity (dB) Min* | 55 | | | | | |
| Return Loss (dB) Min* | 50 | | | | | |
| Operating Temperature (° C) | -40 ~ +85 | | | | | |



web : www.fiberer.com

email: sales@fiberer.com

| | |
|---------------------------|---------------------------|
| Storage Temperature (° C) | -40 ~ +85 |
| Fiber Length | 1m or custom length |
| Fiber Type | Corning singlemode SMF-28 |
| Connector Type | Custom specified |

Specifications may change without notice

Ordering Information

| | | | | | | | |
|----------------|-------------------|----------------|-------------|----------------|---------------------|------------------------|-------------------------|
| PLC | | | | | | | |
| | Wavelength | Grade | Port | Input | Fiber Length | Input Connector | Output Connector |
| | | | | Pigtail | | | |
| | | | | Style | | | |
| 35=1310/1550nm | P=P | grade 0104=1x4 | | 1=Bare Fiber | 1=1m | 0=None | 0=None |
| 13=1310nm | | 0108=1x8 | | 2=900um | 2=2m | 1=FC/APC | 1=8 Fiber MPO |
| 15=1550nm | | 0116=1x16 | | Jacket | | 2=FC/PC | (male)2=8 Fiber |
| | | 0132=1x32 | | | | 3=SC/APC | MPO (female) |
| | | 0216=2x16 | | | | 4=SC/PC | |
| | | 0232=2x32 | | | | 5=ST | |
| | | | | | | 6=LC | |
| | | | | | | X=Special | |