

PASSIVE OPTICAL PRODUCTS



Fiber Optic Terminators

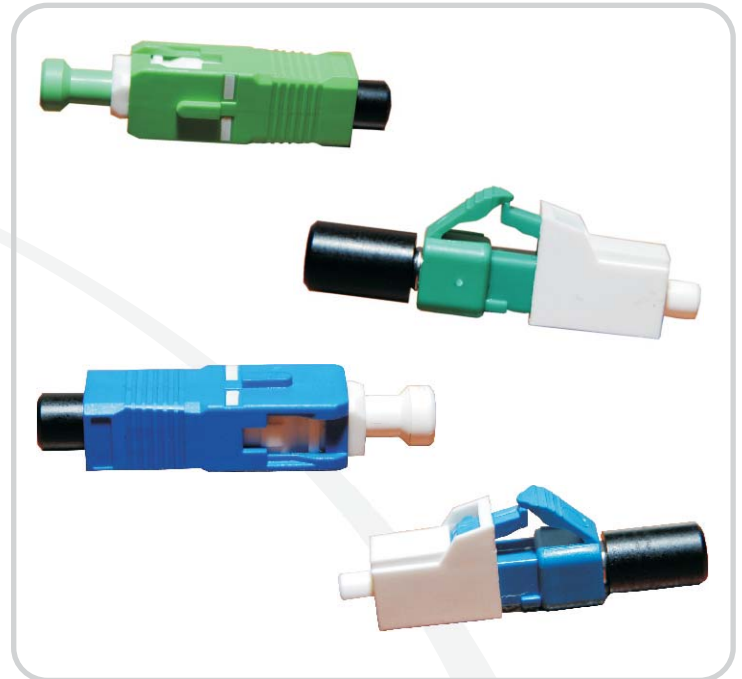
Fiber Optic Terminator is used in fiber optic network to install on the possibly unused ports that will create unwanted return loss and degrade the whole network performance.

Opterna fiber Optic terminators can be easily plugged into the systems to significantly reduce reflections from the fiber face. They can also be used with adaptors at the male plug end.

Opterna fibre optic terminators are designed to reduce back-reflections typically found on laser-activated, connector terminated access points such as those found on splitters and DWDMs.

The terminators feature a ceramic ferrule and are available in SC, FC, and LC connector configurations.

Opterna Terminators are individually packed with unique identification number. Each product will have individual test certificates with test results.



Features & Advantages

- ❑ Ceramic Ferrules
- ❑ Available in SC, FC & MU styles
- ❑ Available in UPC & APC finish
- ❑ Reliable for 500 mating cycles
- ❑ Operational between 1310 and 1550nm
- ❑ Ultra low back reflection
- ❑ High Power handling capability

Applications

- ❑ Telecommunications networks
- ❑ Local area networks
- ❑ Data processing networks
- ❑ CATV
- ❑ FTTx
- ❑ Premises distribution

Fiber Optic Terminators

Specification

| | | |
|------------------------------------|---|----------|
| Operating wavelength | 1310 and/ or 1550 ± 40nm | |
| Configurations | SC, FC & LC styles | |
| Endface finish | UPC & APC | |
| Back Reflection | UPC | ≤ - 50dB |
| | APC | ≤ - 60dB |
| Operating temperature | -40°C to + 70 °C | |
| Storage temperature | -10°C to + 50 °C | |
| Uncontrolled operating environment | -40°C to + 75 °C, and 90% RH Change in reflectance < 5dB | |
| Mating Durability | 500 mating cycles Change in reflectance < 5dB | |
| Drop Test | 25 drops from height of 1.5m Change in reflectance < 5dB | |
| Corrosive Atmosphere Test | IEC 68-2-11, 35°C 16 Hours Change in reflectance < 5dB | |
| Shock Test | 5 shocks @294 m/s ² for 18 ms Change in reflectance < 5dB | |

Ordering Information

