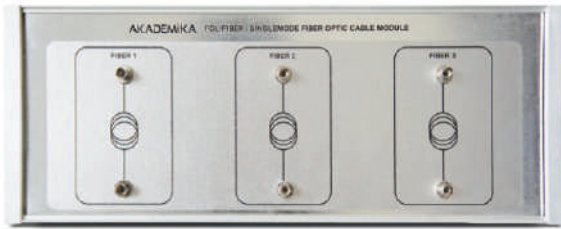


Single Mode Fiber / Chromatic Dispersion

FOL-FIBER

Single Mode Fiber Optic Cable Module

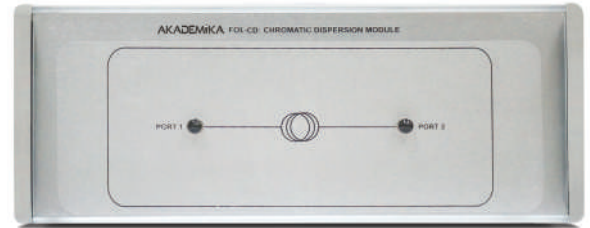


SPECIFICATIONS

- Uniform length of fibers is provided inside the cabinet and end points are provided on the front panel making it easy for the students to handle long lengths of fiber
- Length of Fiber-1 : 100 meter
- Length of Fiber-2 : 500 meter
- Length of Fiber-3 : 1000 meter
- Type of Fiber : 9/125 μm single mode

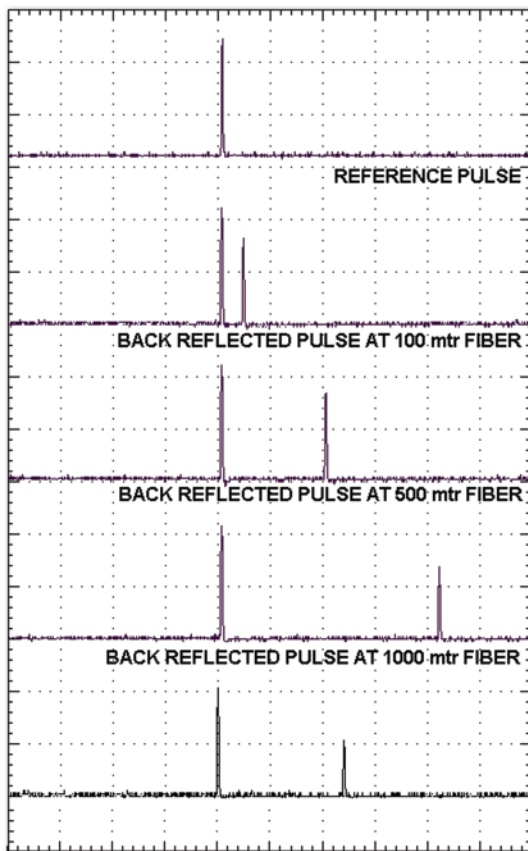
FOL-CD

Chromatic Dispersion Module

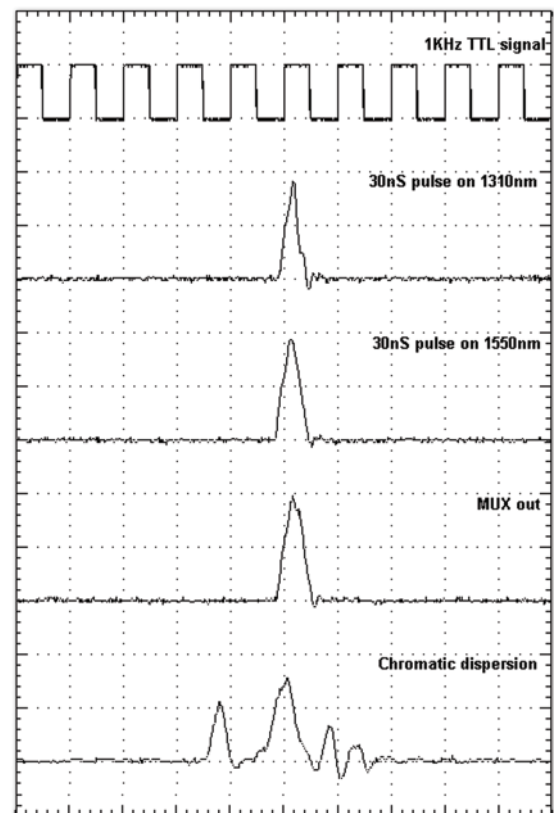


SPECIFICATIONS

- Specially designed to perform chromatic dispersion experiment
- A special purpose fiber is provided for laboratory use to make study more perfect and easy
- Length of Fiber : 25Kilometer
- Type of Fiber : Single mode
- Attenuation : 0.05dB/km @ 1285 ~1330nm and 1525nm ~ 1575nm
- Cable cut off wave length :1260nm
- Chromatic Dispersion : 3.5ps/(nm.km) @ 1285 nm ~ 1330nm)
- Zero Dispersion : 1300 nm ~ 1320nm wavelength



Principle of OTDR Using FOL-DUAL/ FOL-PASSIVE/ FOL-FIBER



Chromatic Dispersion Using FOL-DUAL/ FOL-PASSIVE/ FOL-CD