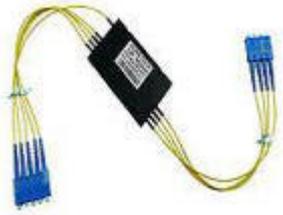


Passive Components



CATV PON and Fibre To The Premises

Products for all stages and types of fibre to the premises networks, including:

- Cellco 19" rackmount NxM splitter units



Advanced Fused Devices

Strong, consistent, ultra-high reliability components using Superfusion™ technology for sensing, optical amplifier and demanding applications such as submarine. Includes PM, SM, MM, POF, high temperature couplers, splitters, WDMs and combiners.

Ultra-High Reliability Fused Fiber Components for Optical Amplifier Applications (Comcore)

Strong, consistent, ultra-high reliability components using Superfusion™ technology for sensing, optical amplifier and demanding applications such as submarine. Includes PM, SM, MM, POF, high temperature couplers, splitters, WDMs and combiners.

Ultra-High Reliability Fused Fiber Components for Sensing Application (Comcore)

Strong, consistent, ultra-high reliability components using Superfusion™ technology for sensing, optical amplifier and demanding applications such as submarine. Includes PM, SM, MM, POF, high temperature couplers, splitters, WDMs and combiners.

Ultra-High Reliability Fused Fiber Components for Submarine Applications (Comcore)

Strong, consistent, ultra-high reliability components using Superfusion™ technology for sensing, optical amplifier and demanding applications such as submarine. Includes PM, SM, MM, POF, high temperature couplers, splitters, WDMs and combiners.



Standard Optical Components

- Couplers/splitters & taps
- Attenuators
- Isolators

- WDM, CWDM & DWDM multiplexer/demultiplexer
- Optical circulators
- Filters
- Polarisation beam combiner/splitters
- Faraday & plain mirrors
- Faraday rotators
- Adaptors, collimators & patch cords
- Single mode, multi-mode, polarisation maintaining & reduced cladding
- All standard telecom/datacom wavelengths + 1064nm & 2000nm



Optical Modules

N-channel mux/demuxes, compact isolators, dispersion compensation modules



Optical Sensors

- Temperature
- Strain
- Pressure
- Load
- Stress
- Borehole deformation
- Inclination
- Humidity
- Displacement sensors using:
 - Fibre Bragg gratings (FBG)
 - Stimulated Brillouin scattering (SBS)



Fibre Termination Components

- Patch cords
- Adaptors
- Attenuators
- Terminators
- Fibre arrays
- Connectors & ferrules
- Armoured cables

Seikoh Giken Connector Buyers Guide

- Patch cords
- Adaptors
- Attenuators
- Terminators
- Fibre arrays
- Connectors & ferrules

- Armoured cables



Optical Fibre Processing

- Fibre Bragg gratings (FBG)
- End shaping
- Coating
- Metallisation
- Lensed fibres



Optical Coatings

- Lead Sulphide & Selenide infra-red detectors & arrays
- Thin film, Raman, fluorescence, DWDM/CWDM, bandpass, edge, gain flattening filters
- Dichroic beam splitters, light engine optics, laser mirrors, laser line filters
- AR, polymer substrate, ITO and UV/DUV/VUV coatings
- Bandpass, optical & biomedical spectroscopic instrumentation
- Defence, aerospace, medical
- Optical sensing
- Displays
- Telecommunications (fibre optics)
- Custom coating service

Lightwaves2020 Coating Profile Presentation

- Lead Sulphide & Selenide infra-red detectors & arrays
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Photodetectors

- Infra-red detectors
- Infra-red detector arrays
- Photodiodes