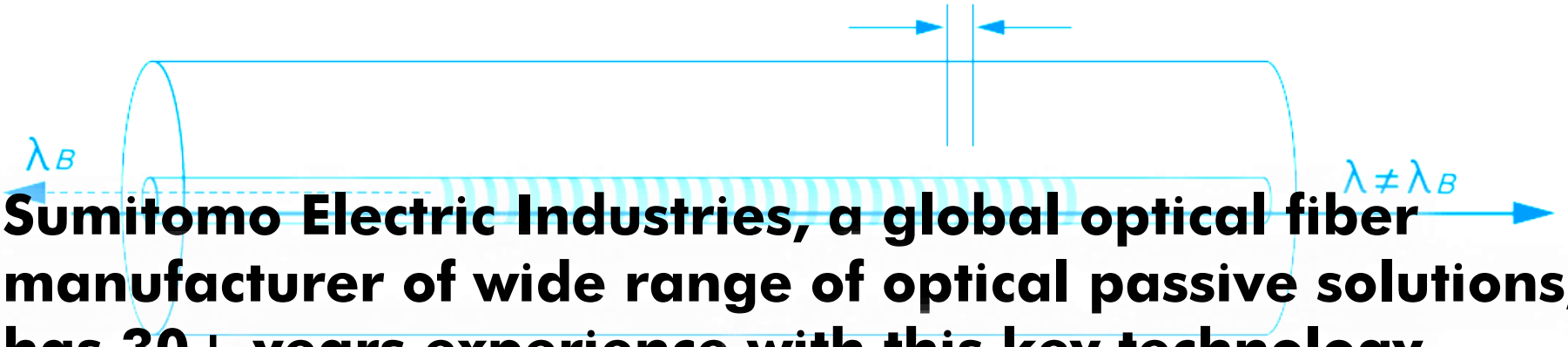
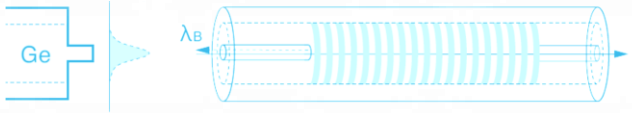
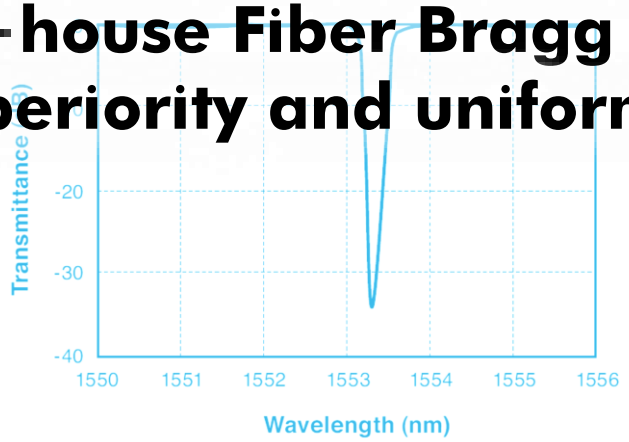
Key Technology: Fiber Bragg Grating

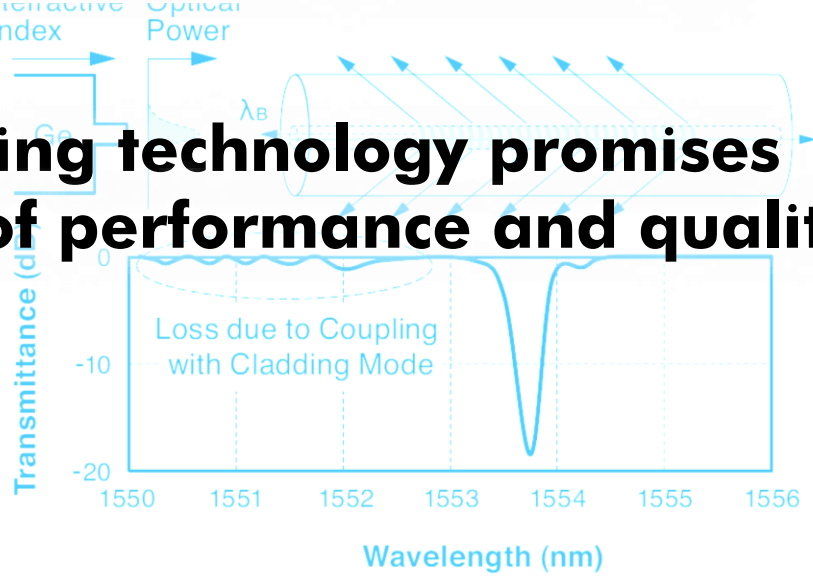


Sumitomo Electric Industries, a global optical fiber manufacturer of wide range of optical passive solutions, has 30+ years experience with this key technology



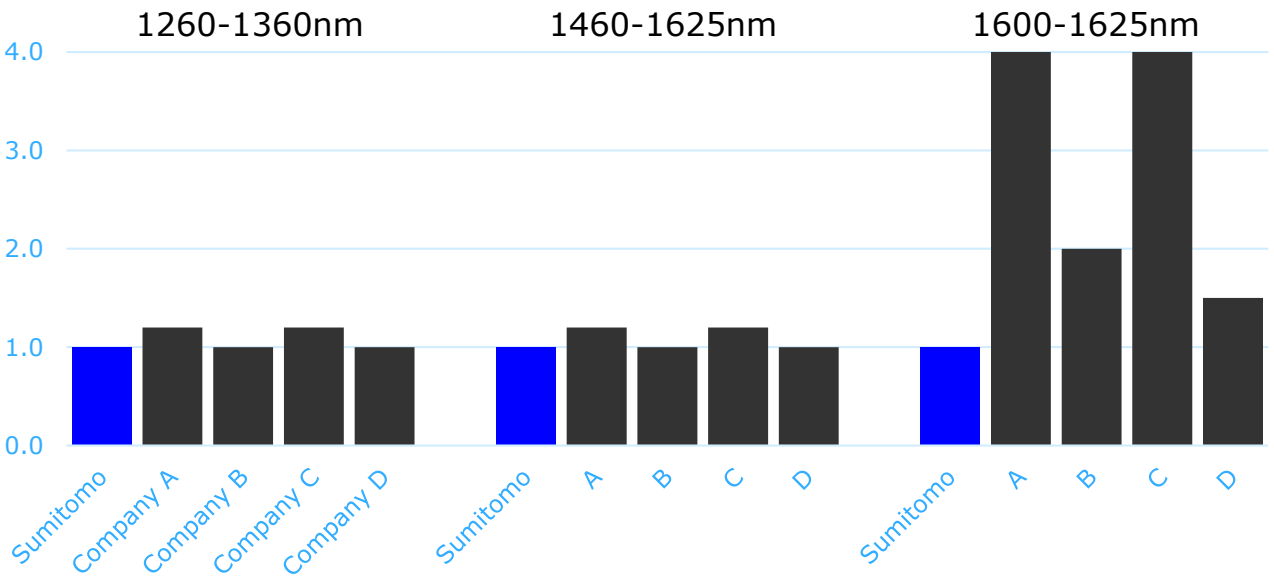
In-house Fiber Bragg Grating technology promises superiority and uniformity of performance and quality



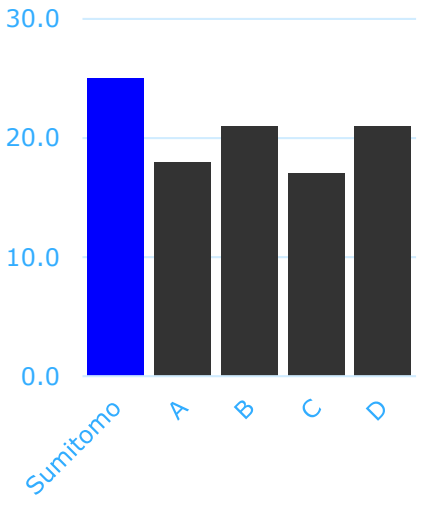


Superiority

Low Loss @ pass band



High reflection @ reflect band



Applicability

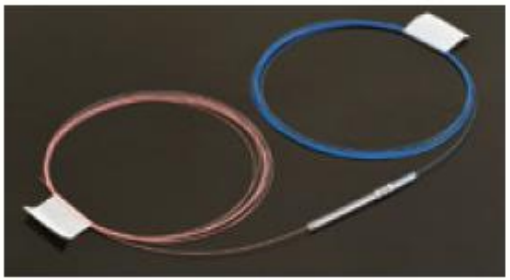
Field assembly type

- Mechanical splice

- Fusion splice

Plug-Jack type

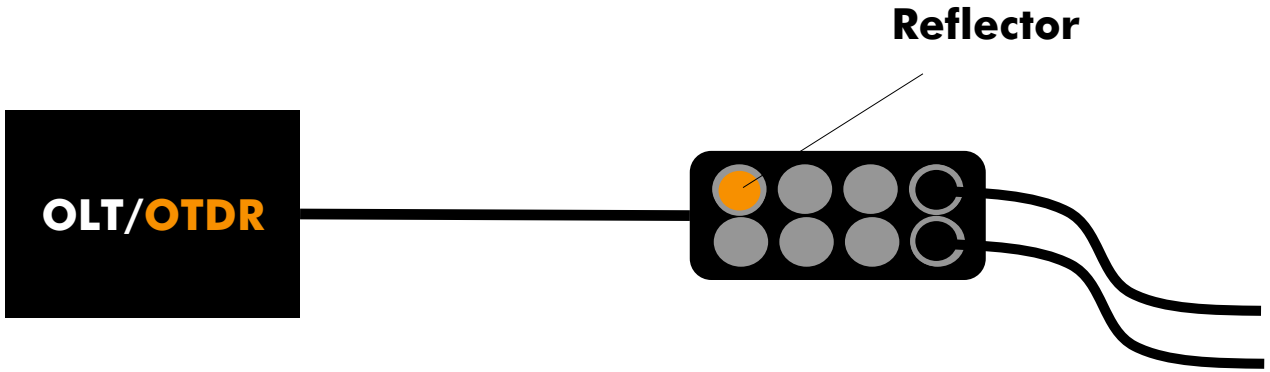
Inline type



Pigtail type

USE CASE 1

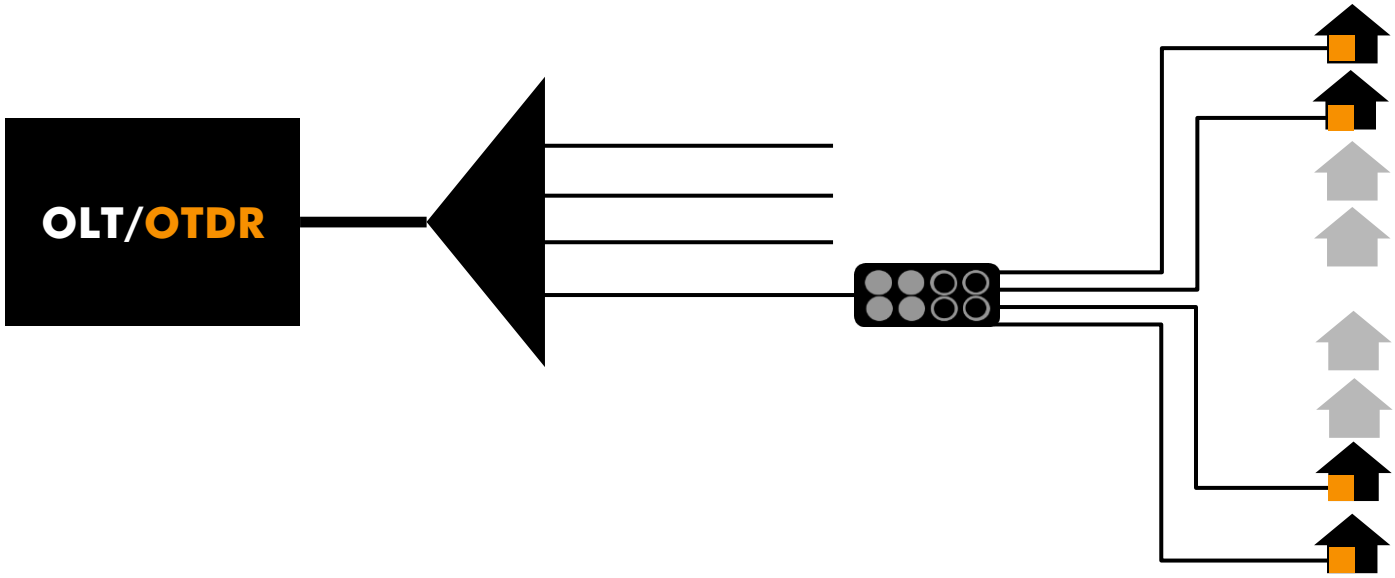
Monitoring up to drop point



- Just leave one reflector at drop point
- OTDR tells you the drop point has an open port to dispatch the technician at the site
- Also can ensure the open port has enough optical power at the drop point
- Leave the reflector to the next port after the drop cable installation

USE CASE 2

Monitoring of subscriber lines



- Leave a reflector at subscriber
- OTDR monitors subscriber line 24/7 and detect failure proactively that minimizes MTTR
- Also can distinguish the cause of failures between fiber and ONU

Contact Info

You can see the basic knowledge of how RFTS and Reflector works in your network in the following link.

Remote_monitoring web site

Showcase @ LinkedIn

Your message/inquiries would be welcomed anytime!

interconnect@info.sei.co.jp

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