

Furukawa Electric to Exhibit Next Generation Technologies at OFC 2023

OFC 2023, Booth 3229, San Diego, California, March 3, 2023 - Furukawa Electric Co., Ltd. (FEC) will exhibit at the Optical Fiber Communication Conference and Exposition (OFC) 2023, the world's largest optical communications exhibition to be held in San Diego, California March 7-9, 2023, with the technical conference beginning on March 5th.

■ Details

[Optical components and Future technologies]

At OFC 2023, we will exhibit high-performance optical connectors, optical laser products, and a Forward Raman Unit. In addition to these, we will introduce our initiatives for CPO (Co-Packaged Optics) directed at the realization of photonics-electronics convergence.

[Optical fiber-related products to upgrade the telecom network]

Furukawa Electric and OFS Fitel, LLC, a member of the Furukawa Electric Group, are working together to develop optical fiber-related products. We will exhibit an O-band amplifier, 4 core multicore fibers, FI/FO (*1) devices, optical connectors for multicore fibers, and fusion splicers for multicore fiber.

Please visit our booth and experience our group's wide range of optical communications products covering optical fibers, optical devices, and equipment.

[Presentation of Furukawa Electric]

At the technical conference, we will give presentations in technical sessions about multicore fibers, nonlinear fibers, new amplification technology, and laser sources for silicon photonics.

- **Monday, March 6th, 2023**
 - 14:15~(UTC) Uncoupled 6-Core Fibers With a Standard 125-um Cladding, ITU-T G.652 Optical Properties, and Low XT (M3B.2)
 - 14:30~(UTC) Invited - MCF Manufacturing (M3B.3)
 - 15:00~(UTC)

- **Wednesday, March 8th, 2023**
 - 10:30~(UTC) Quasi-Constant Signal Power Transmission With Low Signal RIN by DRA With Incoherent-Forward and Coherent-Backward Pumps (W2A.11)
 - 10:30~(UTC) 4-Core Fiber Narrow Pitch Fanout Comprised of Tapered High- Δ MCF (W2A.12)
 - 16:30~(UTC) 8-Channel CWDM TOSA for CPO External Laser Sources Employing a Blind Mate Connector (W4B.1)
- **Thursday, March 9th, 2023**
 - 8:00~(UTC) Invited - Design and Applications of Highly Nonlinear Fibers (Th1B.1)
 - 10:30~(UTC) Low Fusion Splice Loss Technique for Multicore Fiber With 2- and 3-Electrode Fusion Splicers (Th2A.10)

■ Event details

Date: March 7-9, 2023 (Conference will begin on March 5)

Venue: San Diego Convention Center (in San Diego, California)

Booth number: 3229 (OFS Fitel, LLC booth)

OFC 2023: <https://www.ofcconference.org/en-us/home/>

(*1) FI/FO device: Fan in, fan out. Device that separates a single multicore fiber into multiple single-core fibers. Used for connecting to standard single-core fiber equipment and devices.

■ Furukawa Electric Group's efforts toward the SDGs

Based on the "Sustainable Development Goals (SDGs)" adopted by the United Nations, Furukawa Electric Group has formulated the "Furukawa Electric Group Vision 2030" which sets forth the year 2030 as its target and is advancing efforts with the aim to "Build a sustainable world and make people's life safe, peaceful and rewarding, Furukawa Electric Group will create solutions for the new generation of global infrastructure combining information, energy, and mobility." Toward the achievement of our Vision 2030, we will take open, agile and innovative approaches to promote ESG management that aims to increase corporate value over the medium to long-term and will contribute to the achievement of the SDGs.

Furukawa Electric Group's efforts toward the SDGs

<https://furukawaelectric.disclosure.site/ja/themes/182>

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