



A Furukawa Company

Your Optical Fiber Solutions Partner™

News Release

---

## **GiHCS® Industrial Cabling Solution with New SC Crimp and Cleave Connectors and Termination Kits**



**SPS IPC Drives 2013, Acal BFI booth # 10-401, Nuremberg, Germany, 26 November 2013.** OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products, announces

the launch of its new SC Crimp and Cleave connectivity solution for Industrial Networks.

The rapid adoption of Industrial Ethernet has led to significant changes and new demands in factory automation and industrial networking applications requiring the introduction of industrialized communications systems.

Fast (100 Mb/sec) and Gigabit Ethernet (1000Mb/sec) data rates demand higher bandwidth and real-time, low-latency communications. The increasing use of intelligent electronic devices, utility-grade rugged IP routers, and Ethernet switches is driving IP-based communications on the production floor.

A high bandwidth, rugged, and reliable cabling solution is indispensable for industrial networking as adoption of increased data rates emerges. To meet this need, OFS offers Graded Index HCS® (GiHCS) Optical fiber in a Low Smoke Zero Halogen (LSZH) cable construction and easy-to-use crimp and cleave SC connectors. Using OFS' SC Crimp and Cleave simple hand tools, technicians can easily learn to install fiber connectors in industrial spaces. Taking just minutes to learn, field technicians can rapidly repair damaged optical fiber cables without messy adhesives or tedious polishing procedures.

Advantages of GiHCS Industrial Cabling Solution with new SC Crimp and Cleave connectors include:

- Wide operating temperature range: -20 to +105C
- Resistance to abrasion, vibration and industrial chemicals
- Indoor and Outdoor use

- High tensile strength
- Fast (100 Mb/sec) and Gigabit (1000 Mb/sec) Ethernet compatible
- Compatibility with most common GBIC transceivers
- Fiber optic specialists are not required
- No power, no epoxy, no gel, no polishing required for termination process
- Easy to learn and quick to connect

### **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, optical fiber cable, connectivity, FTTX and specialty photonics solutions. Our marketing, sales, manufacturing and research teams provide forward-looking, innovative products and solutions in areas including Telecommunications, Medicine, Industrial Automation, Sensing, Government, Aerospace and Defense applications. We provide reliable, cost effective optical solutions to enable our customers to meet the needs of today's and tomorrow's digital and energy consumers and businesses.

OFS' corporate lineage dates back to 1876 and includes technology powerhouses such as AT&T and Lucent Technologies. Today, OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications.

Headquartered in Norcross (near Atlanta) Georgia, U.S., OFS is a global provider with facilities in China, Denmark, Germany, Russia, and the United States.

For more information, please visit [www.ofsoptics.com](http://www.ofsoptics.com).

---

---

### **OFS PR Contact:**

Mike Hines

Market Manager, Energy and Industry

[mhines@ofsoptics.com](mailto:mhines@ofsoptics.com)

+1 860-678-658

### **OFS Technical Contact:**

Paul Toller

Technical Sales Supervisor

[ptoller@ofsoptics.com](mailto:ptoller@ofsoptics.com)

+1 860-678-6636