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News Release

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## **New LC Crimp and Cleave Connector and Termination Kit expand breadth of OFS' GiHCS® Industrial Cabling Solution**

**Avon, Connecticut, October 6, 2014** - OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products, announces the launch of its new LC Crimp and Cleave connectivity solution for Industrial Networks. The LC Crimp and Cleave Connector takes advantage of the advanced optical and mechanical properties of HCS® (Hard Clad Silica) and Graded Index HCS® optical fibers, attaching to the cable through mechanical means rather than traditional epoxy/polish methods.

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

A high bandwidth, rugged, and reliable cabling solution is indispensable for the growing demand in Industrial Networking applications as data rates in industrial settings grow. OFS' GiHCS optical fiber in a Low Smoke Zero Halogen (LSZH) cable construction with easy-to-use Crimp and Cleave LC connectors allow technicians an easy-to-learn connector installation for harsh environments.

“What was historically a 10 minute process for installing fiber optic terminations is now made simpler and easier with OFS' new Crimp and Cleave technology,” said Mike Hines, Marketing Manager for Industrial and Energy Markets at OFS. “Designed with the field installer in mind, technicians with minimal fiber optic experience can rapidly install new or repair damaged fiber optic cables with OFS' Crimp, Cleave and Leave LC technology.”

Advantages of GiHCS Industrial Cabling Solution with the new LC Crimp and Cleave connector include:

- Wide GiHCS cable operating temperature range: -20 to +80 °C
- 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 small format pluggable (SFP) transceivers
- Fiber optic specialists are not required
- No power, no epoxy, no gel, no polishing required for termination process
- Minutes to learn, seconds 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.

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

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#### **OFS PR Contact:**

Mike Hines  
Market Manager, Energy and  
Industry  
[mhines@ofsoptics.com](mailto:mhines@ofsoptics.com)  
+1 860-678-6583

#### **OFS Technical Contact:**

Paul Toller  
Technical Sales  
Supervisor  
[ptoller@ofsoptics.com](mailto:ptoller@ofsoptics.com)  
+1 860-678-6636