



## High-density fiber-optic cables get rugged

By John Breeden II | Nov 09, 2012

Probably the most overlooked component in any network setup are the cables. They seem to multiply and stack behind walls and under desks, creating snaky pathways between users and their server rooms. And they are another possible point of failure, especially fiber-optic cabling, which can be fragile compared to RJ-45 cabling.

The Optical Cable Corp. is attempting to alleviate the problems of space and durability with the introduction of a new family of ultra high-density fiber-optic cables. The new HC-Series cables feature unique tight-buffered 12-fiber units, combining the ruggedness of OCC's tight-buffer technology with high-fiber density.

OCC's HC-Series high-density cables offer up to a 20 percent reduction in diameter and weight relative to conventional loose-tube cables, allowing for greater fiber density and cable packing within ducts, the company said. Suitable for direct pulling with wire mesh grips, the HC-Series cables can help reduce costs by eliminating the need to splice outdoor cable to indoor cable at a building's entrance.

OCC's HC-Series cables are currently available in counts from 24 fibers to 288 fibers. For more information on the HC-Series cables visit [www.occfiber.com](http://www.occfiber.com).

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