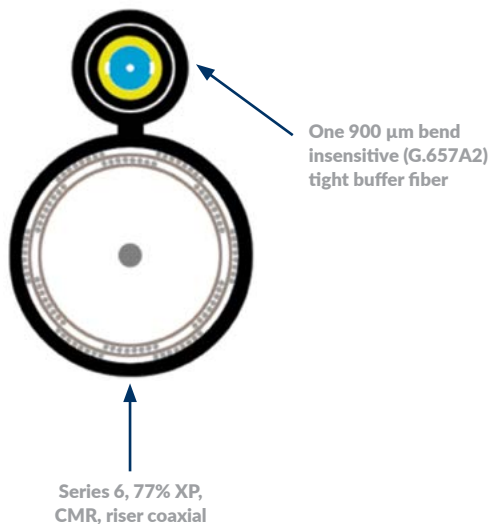


## E<sub>2</sub>O drop cable

CommScope's Electrical to Optical (E<sub>2</sub>O) product line is a customer-defined solution that allows for future coaxial-to-fiber upgrades with little to no associated costs.

The latest addition to the E<sub>2</sub>O family is the E<sub>2</sub>O Drop—a 677TSVRXP drop cable combined with a 900 μm tight buffered, bend insensitive, singlemode fiber. It is an indoor/outdoor cable with a CMR rating for use in riser applications.



This family of electrical and optical hybrid products offers a combination of coaxial cables paired with optical fiber. The siamese configuration allows for a coaxial installation now with the capability to go to fiber at any time in the future (or, if needed, the fiber can be installed now). This is an ideal product choice that saves installation costs, ensuring future migration strategies including PON, RFoG and other FTTx technologies.

### Applications include:

- Residential
- Multidwelling units
- Commercial services
- PON with HFC video overlay
- HFC with future fiber availability
- FTTx with available network power



### PON with HFC video overlay:

Service providers deploying PON solutions as an upgrade to legacy DOCSIS systems are faced with a challenge—how to deploy video services. Providers with HFC networks have the perfect solution in place—the HFC network build for video. E<sub>2</sub>O drop allows FTTx PON services to be delivered where required, while maintaining the coaxial connection to provide video services while providers evaluate IP video development roadmaps.

### HFC with future fiber availability:

Many service providers believe they will eventually need fiber connectivity and are actively maintaining and installing coaxial today to support existing HFC networks. Installing E<sub>2</sub>O drop provides the best of both worlds—high-performance CommScope coaxial drop with the option of adding fiber in the future.

### FTTx with available network power

Fiber, with all its promise of bandwidth, is still incapable of delivering power to critical network assets. CommScope E<sub>2</sub>O drop allows full fiber connectivity with a coaxial leg that can be used to carry network power, RF services or both. Don't leave your active components stranded.

### Ordering information

For more information on CommScope's E<sub>2</sub>O solution, please visit our Product Catalog.

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



---

[commscope.com](http://commscope.com)

Visit our website or contact your local CommScope representative for more information.

© 2017 CommScope, Inc. All rights reserved.

All trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope, Inc. This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services. CommScope is committed to the highest standards of business integrity and environmental sustainability, with a number of CommScope's facilities across the globe certified in accordance with international standards, including ISO 9001, TL 9000, and ISO 14001. Further information regarding CommScope's commitment can be found at [www.commscope.com/About-Us/Corporate-Responsibility-and-Sustainability](http://www.commscope.com/About-Us/Corporate-Responsibility-and-Sustainability).

CO-109045.1-EN (02/17)