



April 2026

Small operator sets sights on Full Duplex DOCSIS



Comcast is Full Duplex (FDX) DOCSIS' champion. However, WinDBreak Cable, a small operator based in Nebraska, recently tested FDX at CableLabs and remains interested in deploying it.

[Jeff Baumgartner](#)

April 21, 2026

(Source: www.lightreading.com)

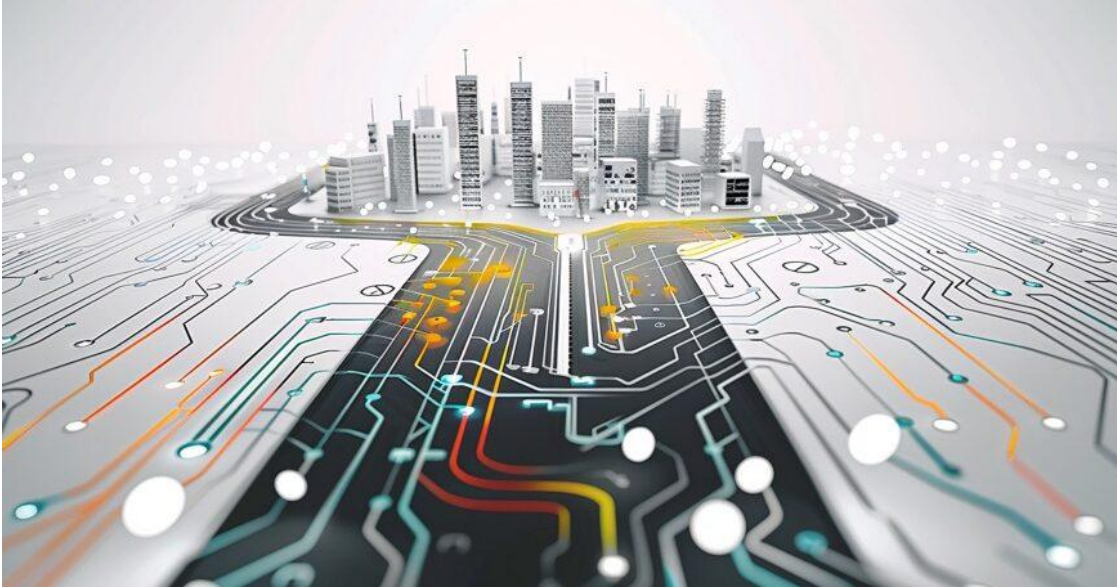
The path forward for cable operators at the access network is full of optionality. While some are looking to beef up downstream speeds with DOCSIS 3.1+, others are deploying PON in both greenfield and brownfield scenarios.

Yet another option is DOCSIS 4.0, which comes with a couple of options of its own – Extended Spectrum DOCSIS (ESD) and Full Duplex (FDX). While both flavors support a potential upgrade to 1.8GHz of spectrum (up from today's state-of-the-art of 1.2GHz), ESD would continue to keep upstream and downstream traffic running in separate and dedicated spectrum, and FDX would also weave in an FDX band that enables both upstream and downstream traffic to run in the same block of spectrum.

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Charter CEO has appetite for more cable M&A



'We'd like to acquire more cable assets if it can be done at an appropriate price [and] conditions,' said Charter CEO Chris Winfrey. Meanwhile, Charter shares are slumping amid disappointing Q1 results.

[Jeff Baumgartner](#)

April 24, 2026

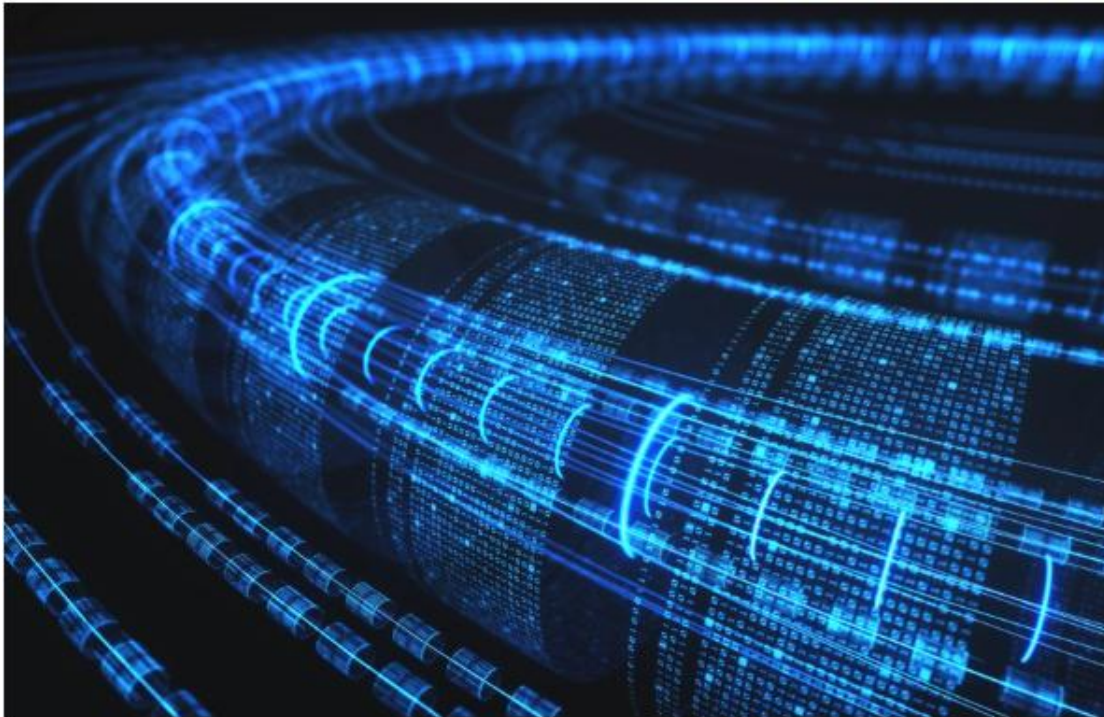
(Source: www.lightreading.com)

Charter Communications still has its hands full with the pending Cox Communications merger, but CEO Chris Winfrey said he would be game for more cable industry consolidation if the right scenarios present themselves.

"We like cable as an investment. We think it's a great business," Winfrey said Friday on Charter's Q1 2026 earnings call when asked to assess the potential for more industry M&A in today's regulatory environment. "We'd like to acquire more cable assets if it can be done at an appropriate price [and] conditions."

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Cisco researchers take quantum leap for networks



Cisco unveils a prototype universal switch that it says is the big missing piece for quantum networks.

[Michelle Donegan,](#)

April 23, 2026

(Source: www.lightwaveonline.com)

Cisco took the wraps off a working research prototype for a switch that it claims is the biggest missing piece for building quantum networks and could accelerate the arrival of practical quantum computing using telecom networks.

The Cisco Universal Quantum Switch can interconnect quantum computers from any vendor to create distributed quantum computing networks. It routes and preserves quantum information for all encoding and entanglement modalities, at room temperature and using existing fiber infrastructure.

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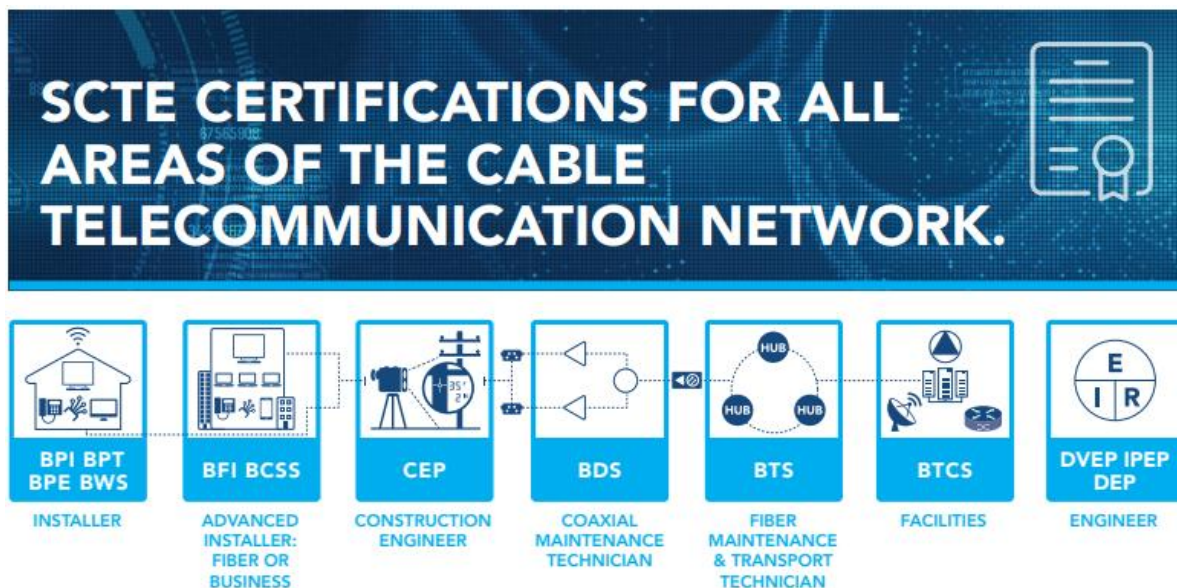
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