



Telecommunications/Data Communications

## From prototype to scale faster than a speeding bullet



Amphenol Custom Cable works with Verizon as it rolls out the nation's first 5G ultra-wideband network, using enough cable to wrap around the world 500 times.

**Situation:** Verizon, the largest wireless telecommunications provider in the United States, relies on Amphenol Custom Cable every day to keep people, companies, and communities connected. With the advent of 5G, the number and speed of connected devices and the flow of data will increase exponentially.

To keep up with the pace, Verizon requires a national cable supplier that can deliver cable assemblies and custom-engineered connectivity solutions in record time while maintaining the highest quality standards and industry certifications for reliability. The cable supplier also needs to have the technical expertise and production ability to go from prototype to scale quickly at a competitive price.

### Driving Customized Cable Solutions at Critical Speed:

Amphenol Custom Cable gives Verizon a two-fold solution to meet the demand for fiber optic, copper and RF cable assemblies. First, Verizon can build custom cables directly at [buy.customcable.com](http://buy.customcable.com). The cable configurator and pricing/order platform is embedded in Verizon's internal procurement system for fast, easy cable assemblies.

Secondly, Verizon has access to Amphenol Custom Cable's in-house engineering expertise to help enhance connectivity with custom cable solutions. For example, to troubleshoot, test, and maintain its networks efficiently, Verizon needed a ruggedized fiber optic launch reel that used Corning's OptiTip® to expedite the testing and verification for fiber drops at newly deployed 5G nodes. As a product-agnostic supplier, Amphenol Custom Cable designed, prototyped, and delivered the all-in-one cable solution in less than four weeks.

"As the demand for greater connectivity grows, we rely on Amphenol Custom Cable to deliver what we need, when we need it."



**Custom OptiTip® Launch Reel eliminates the blind zone produced at the OTDR output, allowing the complete visualization of the whole length of optical fiber to be measured accurately.**



#### BUY SITE

Verizon designs and builds cables direct at [buy.customcable.com](http://buy.customcable.com)



#### SPEED

Custom-designed cable assemblies shipped within days



#### CUSTOMIZED SOLUTION

Unique cable configurations engineered and delivered in less than 1 month



#### 100% INSPECTION

U.S.-made, quality controlled and certified



#### ENGINEERING & SUPPORT

Working creatively for reliable quick turnaround

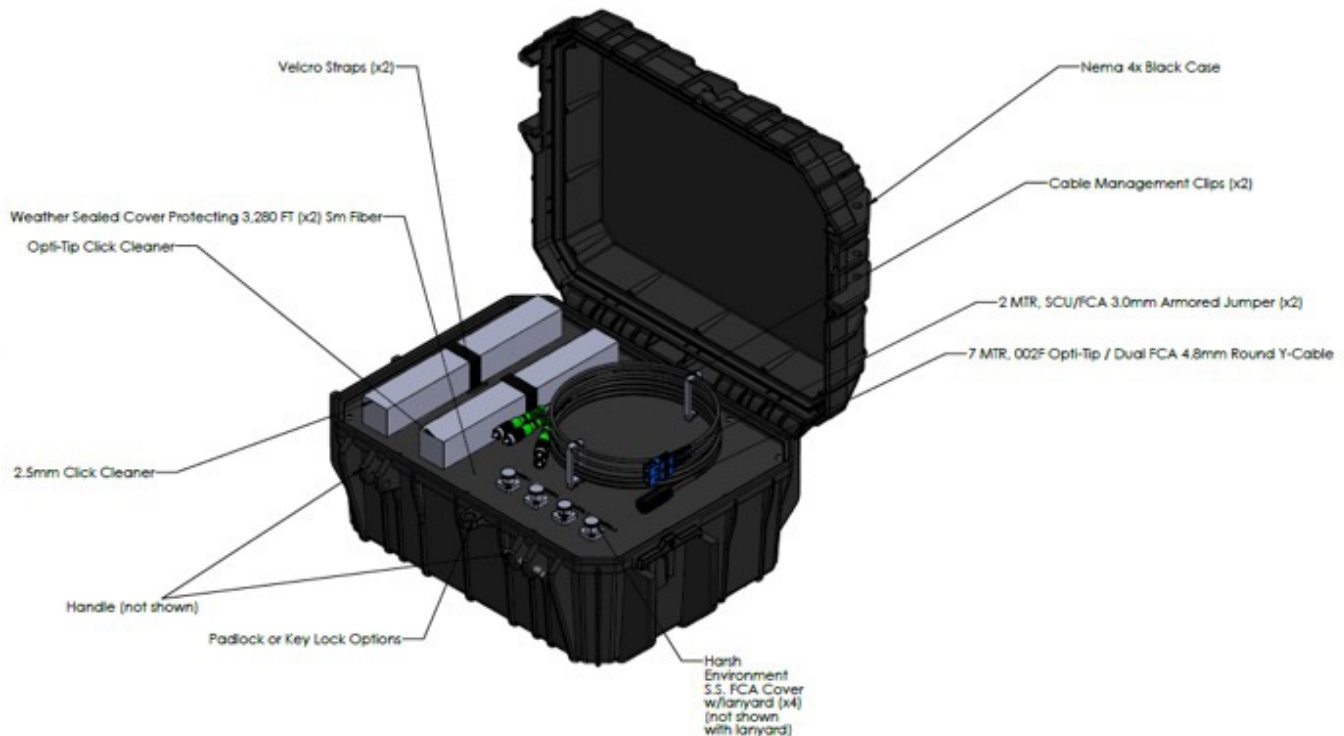
# A Closer Look at the Technical Specifications

## Client Project: Verizon Custom Fiber Optic Launch Reel

**Objective:** Expedite testing and verifying of fiber drops at newly deployed 5G nodes

**Cable Design Request:** Develop a ruggedized fiber optic launch reel that uses Corning's OptiTip®

**Customized Solution:** As a product-agnostic supplier, Amphenol Custom Cable designed, prototyped, and delivered the all-in-one cable solution in less than four weeks. The custom OptiTip® Launch Reel eliminates the blind zone produced at the OTDR output, allowing the complete visualization of the whole length of optical fiber to be measured accurately and expediently.



For Your Custom Cable Solution

Call 1-800-446-2232 or visit [customcable.com](https://www.customcable.com)

**Amphenol**  
CUSTOM CABLE

© 2020 Amphenol Custom Cable. All rights reserved.