



Telecommunications/Data Communications

Faster bandwidth and better connectivity with smaller footprint and lower cost



Since 2005, Sprint has relied on Amphenol Custom Cable's online cable design and engineering support to build and deliver cable solutions rapidly.

Situation: As the fourth-largest mobile network operator in the U.S., Sprint is continually innovating and upgrading to bring faster, broader connectivity to homes and businesses. Sprint has relied on Amphenol Custom Cable as a national cable supplier since its quick response in the emergency restoration efforts following 2005's Hurricane Katrina in New Orleans.

Today, Amphenol Custom Cable continues to respond quickly to help keep Sprint's networks up and running at high speed. For example, Sprint needed a custom, fiber optic silkscreened 1RU 96F 40GB panel for their network application immediately. The pre-loaded factory panel they had for the fiber-optic application didn't fit the bill. And, Sprint wanted a customized compact model that could be mounted in the same rack as the switches at a lower cost.

"They consistently exceed our expectations for quality, customization, cost-effectiveness, and speed."

- Lee Munsell
Manager,
Sprint

Space-saving, Cost-saving Solution: Understanding the specific requirements of Sprint and the need for optimizing efficiency, Amphenol Custom Cable developed a high-density MPO breakout panel for 40GB QSFP applications that compactly interconnects wireless network hardware, reducing the footprint of the systems. Panels can be located in the same rack as the switches or closer to the network elements, which eliminates the need for additional connections.

This custom design provides faster bandwidth and better connectivity in half the space to meet Sprint's needs. From concept and design to prototype and delivery, the custom cable solution was successfully completed in four weeks.

Custom designed high-density MTP breakout panel for 40GB QSFP applications that compactly interconnects wireless network hardware to reduce system footprint.



BUY SITE

Sprint builds cables quickly and directly at buy.customcable.com



SPEED

Custom cable designs assembled and shipped within days



CUSTOMIZED SOLUTION

Specially engineered compact cable panel with higher capacity and density, designed and delivered in less than 1 month



100% INSPECTION

U.S. made to the highest industry standards for quality



ENGINEERING & SUPPORT

IT integrated design, delivery, and reliability

A Closer Look at the Technical Specifications

Client Project: Sprint Custom MTP Breakout Panel with Smaller Footprint

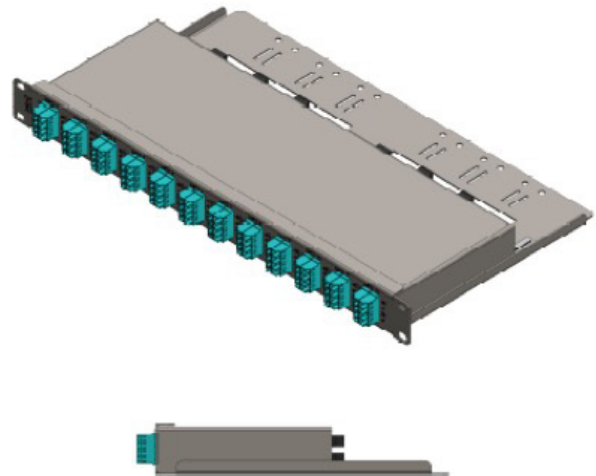
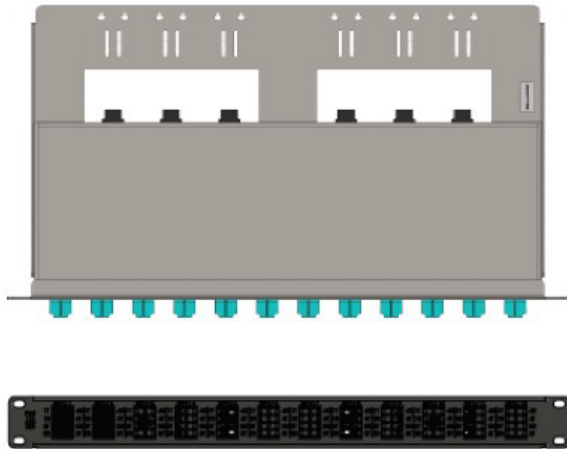
Objective: Improve breakout panel design to reduce cost and eliminate inefficiencies for a smaller footprint

Cable Design Request: Quickly custom design a fiber optic silkscreened 1RU 96F 40GB panel for network application

Customized Solution: 100GB Breakout Panel

Amphenol Custom Cable developed a high-density MPO breakout panel for 40GB QSFP applications that compactly interconnects wireless network hardware, reducing the footprint of the systems. Panels can be located in the same rack as the switches or closer to the network elements, which eliminates the need for additional connections. Our pre-terminated MPO assemblies provide high fiber count distribution in a small form assembly for faster bandwidth and greater connectivity. The high capacity horizontal fiber manager simplifies high performance cable routing for increased cable capacity in less rack space.

Benefits: Space saving, cost saving, faster, and more efficient.



For Your Custom Cable Solution

Call 1-800-446-2232 or visit customcable.com

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