



Telecommunications/Data Communications

How speed and agility turned 20 cell sites into 600



Amphenol Custom Cable supports this multinational telecommunications, information technology, and consumer electronics company to connect service providers and industry reliably.

Situation: To expand its network portfolio for a communications service provider, this telecommunications leader was contracted to build hundreds of cell sites in Mississippi at a furiously aggressive pace. In fact, the multimillion-dollar project grew from 20 cell sites at inception to more than 600 sites at completion.

For the project to stay ahead of demand and within construction deadlines, it was imperative for the Original Equipment Manager (OEM) to connect and partner with a reliable national cable supplier. Reliability, creativity, quality, and speed was required to quickly deliver on an ever-changing and increasingly growing bill of materials.

Agile, Flexible Cable Solutions: Immediately at the start of the project, Amphenol Custom Cable rallied internal and external cable resources throughout the country to get the necessary fiber and RF cable assembly kits on site and on time to keep pace with the uncompromising construction schedule. To further accommodate the increased volume of cell site construction with speed and flexibility, Amphenol Custom Cable also shipped kitted site materials—RET cables, power cable, fiber jumpers, RF jumpers, tower clamps, consumables and ground kits—on pallets directly to the company’s fulfillment center with quick turnaround to expedite installations.

Amphenol Custom Cable continues delivering needs-based cable solutions for the rollout of faster, more secure networks, including 5G.

Providing the fiber, RF, and hybrid cable assembly kits for the construction of more than 600 cell sites within an aggressive schedule.

“The success of every cell site construction relies on the quality of the right cables delivered on time.”



SPEED

Delivered within days



CUSTOMIZED SOLUTION

From pre-assembled cable kits to palletted bulk shipments of site materials.



100% INSPECTION

U.S.-made and tested



ENGINEERING & SUPPORT

Responsive, flexible, fast

A Closer Look at the Technical Specifications

Client Project: Provide the Cabling Solutions for the Construction of more than 600 Cell Tower Sites

Objective: Deliver high-quality materials with agility, speed and flexibility

Customized Solution: Deliver Hundreds of Kitted Site Materials by the Pallet

Working under an intense construction schedule, Amphenol Custom Cable tapped its internal and external cable resources throughout the country to get hundreds of fiber and RF cable assembly kits on site and on time to keep pace with building more than 600 cell tower sites. To stay ahead of the volume of materials needed, Amphenol Custom Cable shipped kitted site materials on pallets directly to the company's fulfillment center with quick turnaround to expedite installations.

The Bill of Materials (BOM) consisted of kitted cell site materials, shipped on pallets, and delivered to the cell tower construction sites.

Materials included:

- RET cables
- Power cables
- Fiber jumpers
- RF jumpers
- Tower clamps
- Ground kits
- Consumables kits

This project demonstrates how Amphenol Custom Cable can provide engineered cable solutions with creativity, resourcefulness, and agility to deliver on time with quick turnaround.

For Your Custom Cable Solution

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

