

Quality is Forethought.

General Cable is committed to exceeding our customers' expectations for quality and performance.

We strive to ensure this quality through extensive in-house and third-party testing, with strict adherence to our product specifications and industry standards. At General Cable, quality is not just a process, it is forethought. It is the forethought of using the best materials and proactive prevention. This level of quality is best represented in three core steps: **Design, Technology, and Control.**



General Cable Corporation is committed to developing, producing, and marketing products that meet the performance, quality, value and safety requirements of our customers by continuously improving all areas of our business. We apply Lean Sigma Company-wide, seeking innovative ways to differentiate our products and services and to serve as our customers' and suppliers' most valued business partner.

“Quality is not something that is achieved and then forgotten, but something that we work to improve every day by continuously focusing on design, technology, and control. Improved product designs and investment in people and equipment are all part of our quality commitment to you.”

Greg Lampert,
President and CEO,
General Cable
North America

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DESIGN

Compliances

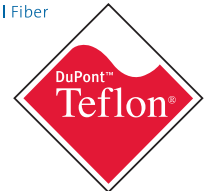
ISO – General Cable’s manufacturing facilities are certified to the ISO 9001:2000 quality standard. This standard assures that formalized business processes are being implemented to ensure efficiency, quality, and continuous improvement.

RoHS is the restriction on hazardous substances, a European Union directive that restricts use of heavy metal substances. At General Cable, we strive to be an environmentally responsible company. As such, all of our applicable Datacom products are certified or being upgraded to the RoHS standard.

Materials

Quality is what you put in your product. General Cable is proud to be partnered with industry-leading material suppliers. Names such as DuPont and Corning are synonymous with product excellence and innovation. Their premium materials are infused into General Cable’s copper and fiber optic data communication cables, making our products top-line quality.

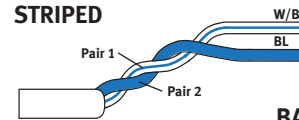
plus
CORNING
Optical Fiber



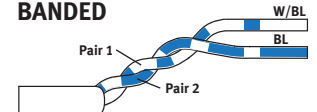
Striping and Color

General Cable Datacom Category 6 products are transitioning to striped marking. This extruded marking method provides for deeper, continuous differentiating colors along the entire length of the insulated conductors. General Cable has increased the color chip used for our category cables for maximum color vibrancy.

STRIPED



BANDED



Packaging

General Cable made packaging enhancements to address tangling and kinking of cable during installation. The standard spool-in-a-box for our Category 6 family of products is now offered in an EZ-Brake Spool-Pac® box with knobs to adjust tension control and pulling speeds. We also redesigned our Pull-Pac® cartons by shaving off the tabs, lengthening the tube and securing the collar to the box.

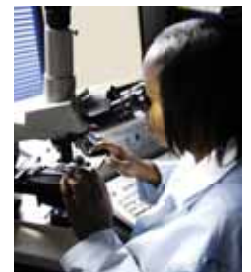
TECHNOLOGY

Testing Equipment – General Cable replaced differing quality testing equipment in every plant. Consistency increases among test results throughout the plants, since all test parameters are set to exact specifications while checking attenuation and return loss.

Remote Plant Monitoring – General Cable transfers all data tests from every product sampling to a universal database. Any General Cable employee can access the database and confirm the results of all products shipped from our plants.

Trending – General Cable observes test result patterns for every single product originated in the plants. If any product veers from top performance, our proactive steps will correct the issue instantaneously.

Outside Vapor Deposition – General Cable uses optical fiber manufactured by an outside vapor deposition (OVD) process. This produces fiber with greater consistency of bandwidth across the entire length of the cable, translating into better performance and higher quality.



CONTROL

General Cable employs Lean Sigma, which is a management philosophy that combines the views of Lean and Six Sigma. Lean focuses on the continuous process of eliminating waste and non-value-added activities to improve the flow of information and materials. Six Sigma utilizes the DMAIC problem-solving methodology to identify and eliminate sources of variation that affect product characteristics that are critical to the customer’s perception of quality. Combining and applying these systems across all business processes maximizes quality and service to the customer while improving overall value.

General Cable has more than doubled product sampling rates for quality and control. Including several checks and balances in the process at both pre- and post-packaging steps ensures our products maintain electrical and physical specifications before leaving the plant. General Cable improved production lines by investing in new manufacturing and test equipment. These updates increase the consistency of all products manufactured throughout the plants. Centralized databases provide constant monitoring of product quality and “Engineering on the Fly” capabilities to aid in the development of new products.