



A Wide Range of Products For Your Green Data Center

General Cable is committed to achieving industry-leading standards and responding proactively to environmental issues through recycling, eradication, and conservation.

- > Designing for the environment to eliminate hazardous substances
- > Optimizing our operations to reduce waste and emissions
- > Achieving continued improvement of our environmental management systems

From high performance GenSPEED® copper data communications cables and NextGen® fiber optic cables to Carol® Brand electronics and cord products, General Cable has a solution to provide reliable data storage, security, and redundant power backup.

GenSPEED copper and NextGen fiber optic cables offer a solid base for reliable data storage. Additionally, there are several key components to ensure limited access to the data center facility. The entry doors should be equipped with secure lock power, card readers or retinal scanners, security cameras, and door contacts. A cable such as General Cable's Carol Brand Composite Access Control Cable allows for a single cable run that incorporates all four components required for secure entry access. Furthermore, to maximize reliability and uptime, choose a power cable such as General Cable's Carol Brand Super Vu-Tron® Multi-Conductor Type W and Type DLO cord products, which include premium-grade materials for ultimate abrasion resistance

and flex life. This is especially important in co-located data centers where aisle reconfiguration is frequent.

Green is more than our products; it's who we are.

General Cable is a leader in the development, design, manufacture, marketing and distribution of copper and fiber optic cable products and offers competitive strengths in such areas as breadth of product line, brand recognition, distribution and logistics, sales and service and operating efficiency. At the core of our products is the need for environmental stewardship.

Designing for the Environment

General Cable is committed to reducing and, where possible, eliminating hazardous substances in our products. This proactive initiative reflects our stewardship to produce more environmentally sustainable products without compromising the high standards of safety and performance.



Optimizing our Operations

All General Cable plants have facility-specific waste reduction objectives, addressing areas such as emissions, water usage, recycling, and waste and packaging reductions. Our teams strive to deploy manufacturing processes that consume less energy and fewer raw materials while still maintaining the highest level of quality that satisfies our customers' needs and delivers maximum value.

Achieving Continued Improvement

All General Cable North American, European, and Asia-Pacific manufacturing facilities have implemented environmental management systems. Our North American facilities have an ISO 14001-equivalent environmental management system.





General Cable: Delivering Sustainable Solutions

At General Cable,
we strive to be an
environmentally responsible
company. As such, all of
our applicable products are
certified or being upgraded to
the RoHS (Restriction of the
use of Hazardous Substances)
standard. Additionally, most
packages are made with
partially recycled cardboard
and are fully recyclable.

General Cable's Green Initiative



General Cable's NEW GenSPEED 10 MTP™ provides a 10 Gig solution with a smaller diameter that can be neatly bundled for optimal data-center efficiency.

General Cable has introduced an industry-leading solution, GenSPEED 10 MTP, that meets your need to stay "green" in the data center. GenSPEED 10 MTP utilizes revolutionary Mosaic Crossblock™ technology to shield the cable from noise coming from outside sources, referred to as alien crosstalk (PSANEXT) – without the need for grounding. This patented technology was carefully designed with metallic blocks separated by an insulating layer. Since there is no metal-to-metal contact, there is no path for current to flow longitudinally and thus no need for grounding. The end result – a 10 Gig cable that is small, can be bundled and groomed, and provides ultimate performance.



Benefits of Using GenSPEED 10 MTP vs. Traditional 10 Gig in the Data Center

- > 20-30% smaller 10 Gig cable footprint to optimize cooling efficiencies
- > Can be combed and neatly bundled without concern, increasing space effectiveness
- > Less heat generation due to improved dissipation
- > 75°C temperature rating ensures proper operation, even in future PoE+ feature upgrades
- > 10 Gig is 30% more efficient on PoE devices compared to Category 5e
- > 100-Meter 10G BASE-T compliant
- > No minimum link distance restrictions
- > Can be co-located in pathways with Cat 5e and 6, reducing unnecessary re-cabling costs
- > RoHS Compliant
- > Fully recyclable packaging



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