GenSPEED® Category Cable
Environmental Product Declaration

GenSPEED® Cables are now LEED® credit eligible!

As a global leader in the wire and cable industry, Prysmian is committed to promoting sustainability and producing environmentally responsible products. As part of this commitment, Prysmian now offers Environmental Product Declarations (EPD) for our GenSPEED® line of copper data communications cables. Our full line of Category 5e, 6 and 6A cables can now contribute to one LEED point to help a building project obtain LEED v4 status, an important initiative from the U.S. Green Building Council.

What is an EPD?

An Environmental Product Declaration (EPD) is an independently verified report that details the environmental impact of the products we manufacture. Conducting a cradle-to-grave assessment, EPDs examine the energy consumed throughout the entire production process, from raw material acquisition to end-of-life disposal.

What is LEED?

LEED, which stands for Leadership in Energy and Environmental Design™, is a program created and managed by the U.S. Green Building Council (USGBC). This program aims to promote energy-efficient building practices. According to the USGBC, nine out of ten LEED-certified buildings have shown at least a 10 percent improvement in energy efficiency. For more information about LEED or the U.S. Green Building Council, please visit www.usgbc.org/leed.

How can an EPD contribute to LEED status?

LEED points are awarded to building projects that incorporate at least 20 different permanently installed products from a minimum of five companies that adhere to responsible manufacturing practices. These products can contribute to earning one LEED point for an Environmental Product Declaration (EPD), as outlined in the Materials and Resources credit category.

Which Prysmian products can be used for LEED?

Prysmian provides EPDs for its GenSPEED® category 5e, 6 and 6A cables in both plenum and riser versions (see reverse for a more detailed list).

Sustainability at Prysmian

For a comprehensive account of Prysmian's sustainability strategies, please visit na.prysmian.com/sustainability.

Prysmian
4 Tesseneer Drive, Highland Heights, KY 41076
na.prysmian.com

GenSPEED® Category Cable

Environmental Product Declarations

GenSPEED® Products with EPDs

GenSPEED® 10 MTP™ Category 6A

Prysmian's 10 Gig solution, the GenSPEED® 10 MTP Category 6A Cable, offers industry-leading protection against alien crosstalk and electromagnetic interference (EMI). This cable is among the smallest Cat 6A options available.

The unique Mosaic™ Variable Laser Cut Tape used in GenSPEED® 10 MTP shields the cable from external noise sources, effectively preventing alien crosstalk (PSANEXT and PSAACRF) without the need for grounding.

Additionally, the cable's improved design makes it lighter and more flexible, which simplifies handling and optimizes cable management. This results in a reduced need for conduit and cable trays, allowing for more cables to fit in existing installations and ultimately lowering overall project costs.

GenSPEED® 10 UTP Category 6A

GenSPEED® 10 UTP Category 6A Cable offers a cost-effective and standard-compliant solution for 10 Gigabit UTP networks. It features the smallest diameter in the industry while ensuring performance that meets or exceeds all TIA standards. This cable is ideal for component upgrades, as it is fully backward-compatible with legacy infrastructures, preparing your system for future 10 Gigabit applications. GenSPEED® 10 effectively addresses the one Gigabit limitation of Category 5e and Category 6 cables, making it an excellent choice for bandwidth-intensive applications. Its smaller diameter enables greater cable density, which helps to reduce cable management costs.

GenSPEED® 6500 Premium Category 6

GenSPEED® 6500 is designed and engineered for optimal balance, offering 7 dB of headroom above the latest ANSI/TIA standard for internal crosstalk. It is rated for up to 105°C, providing enhanced protection against higher operating temperatures. The product is UL-Listed LP and supports high-power Power over Ethernet (PoE) applications.

GenSPEED® 6000 Enhanced Category 6

GenSPEED® 6000 is optimally balanced and features an innovative crossweb design that offers 5 dB of headroom over the latest ANSI/TIA standard for internal crosstalk. It is rated for temperatures up to 90°C, providing greater protection against elevated operating temperatures. Additionally, GenSPEED® 6000 holds an LP listing and supports high-power Power over Ethernet (PoE) applications.

GenSPEED® 6 Category 6

GenSPEED® 6 Category 6 adheres to standards and offers guaranteed performance up to 350 MHz. This product is also available in an overall shielded design (F/UTP).

GenSPEED® 5500, 5350 and 5000 Lines of Category 5e Products

Prysmian's premium, enhanced, standards-compliant category 5e products are designed to deliver stable and consistent electrical performance. GenSPEED® 5000 is also available in an overall shielded (F/UTP) design.

Please get in touch with your Prysmian Sales Representative for a complete list of our performance specifications.