



PROVIDING  
CUSTOMER-DRIVEN  
PERFORMANCE,  
QUALITY  
AND SERVICE

**PanGen**<sup>®</sup>  
STRUCTURED CABLING SOLUTIONS

empowering  
performance





From the leaders in structured cabling, Panduit and General Cable offer a comprehensive line of physical infrastructure solutions.

This world-class partnership provides guaranteed network performance and system reliability for your most demanding customer requirements.

# PanGen®

STRUCTURED CABLING SOLUTIONS

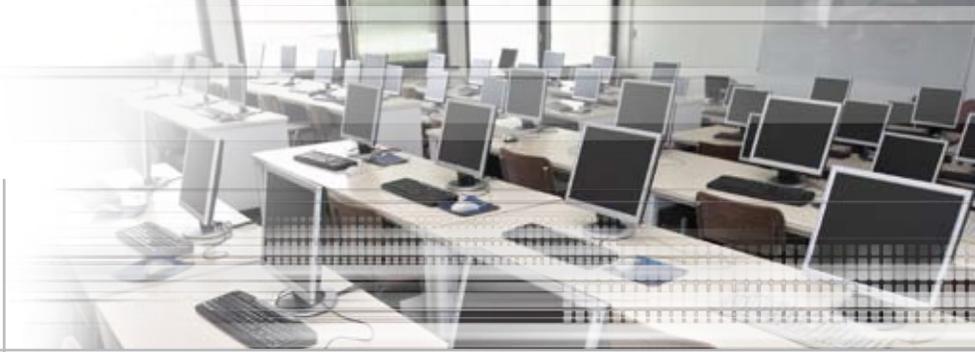


## a shared vision

The Panduit and General Cable vision is to provide organizations—large and small—the ability to enable essential business applications. This vision is realized through the delivery of high-quality physical infrastructure solutions. These solutions are developed through advanced research and development, manufacturing excellence and rigorous performance testing.



Panduit and General Cable high-performance physical infrastructure solutions empower businesses and institutions of all sizes.



## a shared need

A properly designed and implemented cabling infrastructure is a fundamental strategic asset of every business and institution. Carefully planning a structured cabling solution facilitates the delivery of new services, lower network maintenance costs and increased productivity. New high-bandwidth applications enable organizations to better fulfill their need for productivity and innovation in a rapidly changing world.

- Colleges and universities are improving education through collaborative, interactive research and learning, including advanced applications like distance learning.
- Health care facilities are supporting the transfer of high-resolution medical images.
- Government institutions conduct critical research and communication over networks that must remain reliable and secure.



## a shared solution

### High-Performance Solution

PanGen® solutions are offered in high-performing Category 6A, 6, and 5e copper and fiber systems with network connectivity and cables from Panduit and General Cable. Organizations receive a robust, optimized cabling infrastructure that exceeds all electrical parameters.

PanGen® is backed by years of experience, manufacturing excellence in ISO 9001 facilities and a network of leading distributors to provide excellent customer support.

### Complete Solution Warranty

Panduit and General Cable stand behind PanGen® solutions with a comprehensive warranty program. All PanGen® installations are eligible to receive the PanGen® 25-Year Warranty\*, which offers the following significant advantages:

- One point of contact for all inquiries
- 100% warranty coverage to repair or replace defective components
- Compliance with all applicable ANSI, TIA/EIA and ISO standards
- Backed by an installed channel performance guarantee

### World-Class Installation and Technical Support

Quality installation of PanGen® solutions is provided through an extensive network of specially trained and certified installers. Meeting stringent qualification requirements, our installers receive continuous training on products, standards and installation practices. PanGen® solutions come with prompt, nationwide technical support for customers from design stage to post-system-installation support.

\*To be eligible for the PanGen® system warranty, the system must be installed by a Panduit Certified Installer, meet certain requirements, and be registered by Panduit. The PanGen® system warranty is subject to various terms, conditions and limitations. Request information on the PanGen system warranty from your sales representative.

# High-Performance Category 6A, 6, and 5e Copper and Fiber Solutions

## Category 6A Solutions

- PanGen® 6A Premium is a top-level Category 6A solution that contains patented technologies to optimize performance and provide industry-leading protection from external cable noise sources, also known as alien crosstalk.
- PanGen® 6A and PanGen® 6A Shielded offer an end-to-end Category 6A channel solution for both your UTP and STP installation needs.

## Category 6 Solutions

- PanGen® 6 Premium is a top-level Category 6 solution, engineered to perform with increased bandwidth. PanGen® 6 Premium is among the highest performing Category 6 cabling solutions in the marketplace.
- PanGen® 6 Enhanced is a mid-level Category 6 channel solution with increased headroom performance.

## Category 5e Solutions

- PanGen® 5e Premium offers overall system solutions with superior Category 5e transmission.

## Fiber Solutions

- PanGen® fiber solutions combine quality and performance for your fiber optic needs.
- PanGen® 10GAE is a premium 10 Gb/s singlemode fiber optic solution for distances beyond 10km.
- PanGen® 10GBL is an extended-level 10 Gb/s OM4 fiber optic solution for distances up to 500 meters.
- PanGen® 10GBE is a premium 10 Gb/s OM3 fiber optic solution for distances up to 300 meters.

	PanGen® System	Description	Connector	Patch Cord	Patch Panel	Cable
Cat 6A	PanGen® 6A Premium	Premium-level Category 6A system	Mini-Com® TX6A™ 10Gig™ UTP Jack Modules	TX6A™ 10Gig™ UTP Patch Cords	Mini-Com® Angled and Flat Flush Mount Modular Patch Panels	GenSPEED® 10 MTP
	PanGen® 6A	Category 6A system	Mini-Com® TX6A™ 10Gig™ UTP Jack Modules	TX6A™ 10Gig™ UTP Patch Cords	Mini-Com® Angled and Flat Flush Mount Modular Patch Panels	GenSPEED® 10,000
	PanGen® 6A Shielded	Category 6A shielded system	TX6A™ 10Gig™ Shielded Jack Modules	TX6A™ 10Gig™ Shielded Patch Cords	Mini-Com® Angled and Flat All-Metal Shielded Modular Patch Panels	GenSPEED® 10,000 Shielded
Cat 6	PanGen® 6 Premium	Premium-level Category 6 system	Mini-Com® TX6™ PLUS UTP Jack Modules	TX6™ PLUS UTP Patch Cords	DP6™ PLUS Punchdown Patch Panels and Mini-Com® Angled and Flat Flush Mount Modular Patch Panels	GenSPEED® 6500P
	PanGen® 6 Enhanced	Mid-level Category 6 system	Mini-Com® TX6™ PLUS UTP Jack Modules	TX6™ PLUS UTP Patch Cords	DP6™ PLUS Punchdown Patch Panels and Mini-Com® Angled and Flat Flush Mount Modular Patch Panels	GenSPEED® 6000E
Cat 5e	PanGen® 5e Premium	Premium-level Category 5e system	Mini-Com® TX5e™ UTP Jack Modules	TX5e™ UTP Patch Cords	DP5e™ Punchdown Patch Panels and Mini-Com® Angled and Flat Flush Mount Modular Patch Panels	GenSPEED® 5500
Fiber	PanGen® 10GAE	Premium-level 10 Gb/s 10km+ link distance Low water peak SM fiber	Mini-Com® Fiber Optic Adapter Modules Opticom® Fiber Adapter Panels Field Polish and Pre-Polished Fiber Optic Connectors	Opti-Core® Fiber Optic Patch Cords and Pigtails	Opticom® Rack Mounted Enclosures, Trays and Drawers	NextGen® Premise Indoor/Outdoor Outside Plant Blolite® Blown Fiber
	PanGen® 10GBL	Extended level 10 Gb/s 500 meter link distance 50 micron fiber	Mini-Com® Fiber Optic Adapter Modules Opticom® Fiber Adapter Panels Field Polish and Pre-Polished Fiber Optic Connectors	Opti-Core® Fiber Optic Patch Cords and Pigtails	Opticom® Rack Mounted Enclosures, Trays and Drawers	NextGen® Premise Indoor/Outdoor Outside Plant Blolite® Blown Fiber
	PanGen® 10GBE	Premium-level 10 Gb/s 300 meter link distance 50 micron fiber	Mini-Com® Fiber Optic Adapter Modules Opticom® Fiber Adapter Panels Field Polish and Pre-Polished Fiber Optic Connectors	Opti-Core® Fiber Optic Patch Cords and Pigtails	Opticom® Rack Mounted Enclosures, Trays and Drawers	NextGen® Premise Indoor/Outdoor Outside Plant Blolite® Blown Fiber



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