Key Features and Benefits of PanGen Category 5e Solutions:

- Designed to exceed ANSI/TIA-568-C.2 channel requirements
- Installations covered by a 25-year comprehensive warranty program that provides performance to the latest industry standards
- A single point of contact for all PanGen inquiries
- All connectivity components are 100% performance-tested
- Quick installation of PanGen systems is provided through an extensive network of specially trained and certified installers
- TRU-Mark® footage marking system to help eliminate unused lengths of cable and save installation time
- Jack modules feature the patented Giga-TX™ technology for terminations, which optimizes performance by maintaining cable pair geometry and eliminating conductor untwist
- Patch cords feature slender strain relief boots for easy access to high-density environments and a patented tangle-free latch which prevents snags and provides easy release for simple moves, adds and changes

Recommended for:

- IEEE 802.3: 1000 BASE-T, 100 BASE-TX, 10 BASE-T, PoE, PoE+
- CDDI, Token Ring, ATM
- Broadband and Baseband Analog Video

Category 5e Premium System

Electrical Value	Insertion Loss	NEXT	PSNEXT	ACR-N	PSACR-N	ACR-F	PSACR-F	Return Loss
Guaranteed Channel Headroom over Standard (db*)	5%	6.0 dB	7.5 dB	7.0 dB	9.0 dB	4.0 dB	6.0 dB	2.0 dB

* Electrical values are above the specified standards and consist of worst pair margin per ANSI/TIA 568-C.2 Category 6A.
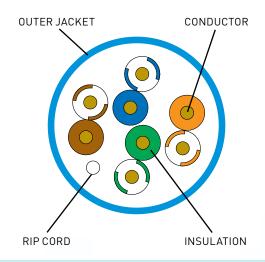
GENERAL CABLE Gen*SPEED*® 5500 PREMIUM CATEGORY 5e CABLE

Cross-Section

OUTER JACKET   CONDUCTOR

RIP CORD   INSULATION

Features and Benefits

- Ensures increased headroom for future applications, lower bit-error rates, and higher signal transmission quality
- Enhanced signal-to-noise ratio, improving bit-error rate
- Performance guaranteed to 350 MHz
- UL Certified Environmental Product Declaration (EPD) contributes toward one LEED® credit under Material and Resource credit (MRc)
- Health Product Declaration™ (HPD™) contributes toward one LEED credit under MRc
- TRU-Mark® print legend contains footage markings from 1000' to 0'
- Third-party verified for guaranteed performance
- Made in U.S.A.

Part Numbers

Jacket Color		Spool (Standard packaging: 1000')	
		CMR (Non-Plenum)	CMP (Plenum)
Blue		6133282	6131282
White		6133492	6131618

Non-stock items may be subject to minimum order quantities. Other colors available.

For additional Panduit or General Cable components, visit www.pangensolutions.com

PANDUIT®   **General Cable**

Mini-Com® TX5e™ UTP Jack Modules

- Exceed ANSI/TIA-568-C.2 Category 5e and ISO 11801 Class D standards
- All jack modules are 100% performance-tested and individually serialized for future traceability

- Compatible with all Mini-Com Modular Patch Panels, Faceplates and Surface Mount Boxes
- Universal termination cap is color-coded for T568A and T568B wiring schemes

Part Number	Description	Part Number	Description
CJ5E88TGBU*	Category 5e, RJ45, 8-position, 8-wire universal module	CJH5E88TGBU*	Category 5e, RJ45, 8-position, 8-wire universal module with spring-shuttered door
CJ5E88TGBU*-24	24-pack Category 5e, RJ45, 8-position, 8-wire universal module	CJR5E88TGBU*	Category 5e, RJ45, 8-position, 8-wire universal module with right angle wire cap
CJ5E88TGBU*-C	100-pack Category 5e, RJ45, 8-position, 8-wire universal module	CJRCAPRD	Right angle wire cap for use witih any TX5e™ jack, red

* * Product is listed in Blue. To designate a different color, replace BU (Blue) with available colors: IW (Off White), EI (Electric Ivory), IG (International Grey), WH (White), BL (Black), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet).

TX5e™ and TX5e™-28 Copper UTP Patch Cords

- Exceed all industry performance standards for Category 5e
- 100% performance-tested
- Available in a variety of colors and lengths for design flexibility

- Category 5e 28 AWG cord is less than 50% the size of traditional 24 AWG cords
- UTP28CH* cords support up to 96 meters of channel length (when used with 6 meters of patch)

Part Number	Description	Part Number	Description
UTPCH3Y*	Category 5e, 24 AWG, UTP patch cord with Pan-Plug modular plugs on each end	UTP28CH3* ‡	Category 5e, 28 AWG, small diameter UTP patch cord with Pan-Plug modular plugs on each end

* Available in lengths 1 to 20 feet (increments of one foot) and 25, 30, 35, 40 feet. Patch cords listed in Off White. To designate other colors, add suffix before the Y at the end of the part number: BL (Black), BU (Blue), GR (Green), GY (Gray), OR (Orange), RD (Red), YL (Yellow), or VL (Violet). For example, the part number for a blue 15-foot patch cord is UTPCH15BUY.
‡ UTP28CH3 cords support up to 96 meters of channel length (when used with 6 meters of patch).OR (Orange), RD (Red), YL (Yellow), or VL (Violet).

DP5E™ UTP Patch Panels

- Mount to standard EIA 19" racks
- DP5e UTP Patch Panels exceed all industry performance standards for Category 5e
- Angled versions are ideal for higher density applications; facilitate proper bend radius control and minimize the need for horizontal cable managers
- Color-coded for T568A and T568B wiring schemes

- Each port is 100% tested to ensure NEXT and RL performance and is individually serialized to support traceability
- Utilize 110 punchdown termination on back of panel and include retention cap for each port
- Optional label kits (DPLK24 and DPLK48) contain adhesive label holder and labels for easy port and panel identification

Part Number	Description	Part Number	Description
DP245E88TGY	24-port, 1 RU, Category 5e patch panel with 24 RJ45, 8-position, 8-wire ports	DPA245E88TGY	24-port angled, 1 RU, Category 5e patch panel with 24 RJ45, 8-position, 8-wire ports
DP485E88TGY	48-port, 2 RU, Category 5e patch panel with 48 RJ45, 8-position, 8-wire ports	DPA485E88TGY	48-port angled, 2 RU, Category 5e patch panel with 48 RJ45, 8-position, 8-wire ports

Note: For a full range of modular patch panels, contact Panduit customer service.