



## Cat 6A 26 AWG Shielded Patch Cord, 0.5 m, IG

STP6X0.5MIG

This TX6A™ 10Gig Cat 6A STP Patch Cord is a 0.5-Meter, Int'l Grey cord constructed of 26 AWG, shielded, twisted pair, stranded, CM/LSZH cable and with high-performance modular plugs. Its tangle-free latch prevents snags and ensures a fast release, streamlining moves, adds, and changes. The slender strain relief boot provides easy access in high-density applications. Enabled with RapidID, the product has pre-installed barcodes for simple port mapping using RapidID software.

### Specifications

|                                     |                                                                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application                         | (1) 10GBASE-T Ethernet (2) Data center I/O Consolidation (3) Data center server virtualization (4) Backbone aggregation (5) Parallel processing and high speed computing. |
| Product Type                        | Patch Cord                                                                                                                                                                |
| Conductor Gauge (AWG)               | 26                                                                                                                                                                        |
| Conductor Gauge (kcmil)             | 0.25                                                                                                                                                                      |
| Sub Brand                           | Pan-Net®                                                                                                                                                                  |
| Performance Level                   | Category 6A                                                                                                                                                               |
| Conductor Type                      | Stranded                                                                                                                                                                  |
| Cable Construction                  | S/FTP                                                                                                                                                                     |
| Patch Cord Type                     | Shielded                                                                                                                                                                  |
| Plug Housing Material               | Polycarbonate                                                                                                                                                             |
| Jacket Material                     | LSZH Material                                                                                                                                                             |
| Connector 1 Type                    | Modular Plug                                                                                                                                                              |
| Connector 2 Type                    | Modular Plug                                                                                                                                                              |
| Overall Length (m)                  | 0.5                                                                                                                                                                       |
| Nominal Cable Outside Diameter (mm) | 6.1                                                                                                                                                                       |
| Wiring Scheme                       | T568B                                                                                                                                                                     |
| Maximum Operating Temperature (°C)  | 60                                                                                                                                                                        |
| Minimum Operating Temperature (°C)  | -10                                                                                                                                                                       |
| Maximum Storage Temperature (°C)    | 70                                                                                                                                                                        |
| Minimum Storage Temperature (°C)    | -40                                                                                                                                                                       |
| Boot Color                          | Black                                                                                                                                                                     |
| Color                               | International Gray                                                                                                                                                        |
| Flammability Rating                 | Dual Rated (CM/LSZH)                                                                                                                                                      |

## Specifications (continued)

|                   |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards Met     | Exceeds all ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA standards for all frequencies from 1 to 500 MHz; Meets ANSI/TIA-1096-A (formerly FCC Part 68); IEC 60603-7; UL 1863 and CAN/CSA-C22.2 (UL File E129886), RoHS Compliant, Supports IEEE 802.3af/802.3at and 802.3bt type 3 and type 4 PoE applications; RoHS Compliant; wired to be compatible with both T568A and T568B wiring schemes. |
| IEC Variant       | 60603-7                                                                                                                                                                                                                                                                                                                                                                                                 |
| PoE Compatibility | IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt Type 3 and 4 (PoE++)                                                                                                                                                                                                                                                                                                                          |
| Plug Type         | 8 Position                                                                                                                                                                                                                                                                                                                                                                                              |
| RapidID™ Enabled  | Yes                                                                                                                                                                                                                                                                                                                                                                                                     |

## Packaging Detail

|                       |             |
|-----------------------|-------------|
| UPC                   | 07498370670 |
| Std. Pkg. Qty.        | 1           |
| Std. Pkg. Volume (cf) | 0.0177      |
| Std. Ctn. Qty.        | 10          |
| Std. Ctn. Volume (cf) | 0.1773      |