

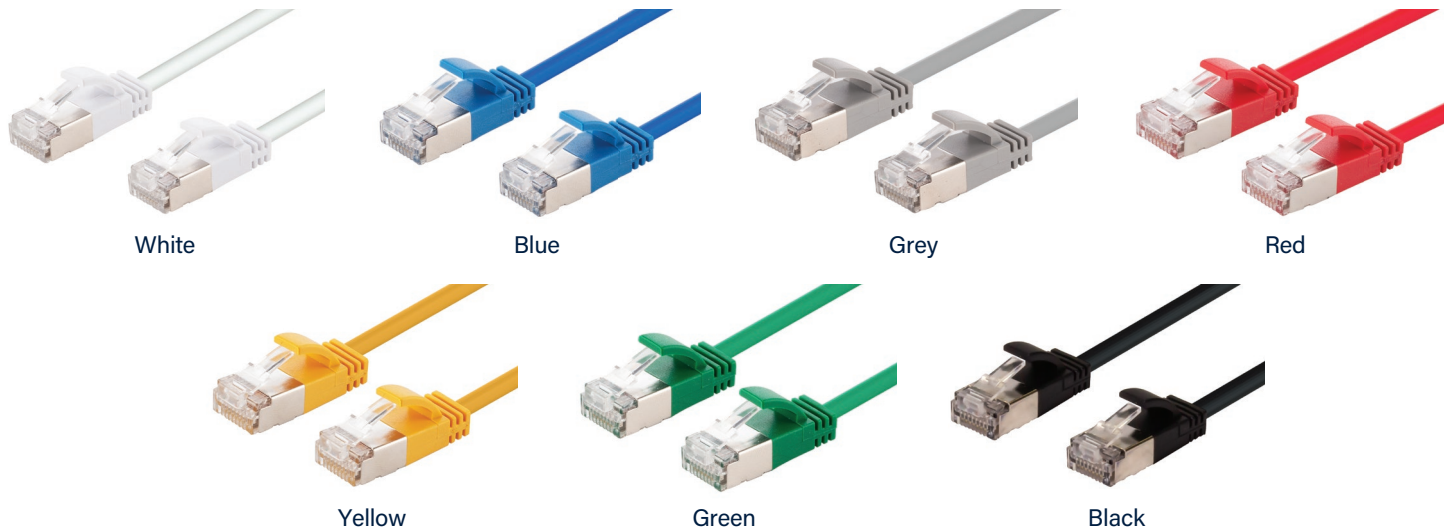
CAT6A S/FTP ULTRA-SLIM 10G SHIELDED PATCH LEADS

DESCRIPTION

Experience next-level networking with the DYNAMIX Ultra Slim-Line Patch Leads. Perfectly designed for high-density patching environments, these Cat6A S/FTP patch leads ensure optimal performance and a clutter-free setup. Capable of supporting Power over Ethernet (PoE) standards up to 15.4W, allowing for versatile device connections and power delivery over a single cable. Tailor your network setup with 7 vibrant colour options and 9 diverse lengths to suit any configuration or aesthetic preference. Invest in unparalleled quality and design with the DYNAMIX Cat6A S/FTP Ultra Slim-Line Network Patch Leads. Your network deserves the best.

FEATURES

- Produced by an ISO9001 and ISO14001 certified manufacturer
- 100% Tested & channel certified by 3P, UL & ETL
- Perfect solution for high density patching
- Flexible cable allows for high bend radius
- Slim design saves valuable space
- 50u Gold plated RJ45 connectors
- Complies with RoHS and REACH directives
- Supports PoE standards IEEE 802.3af (15.4W)
- Available in 7 different colours
- Available in 9 lengths (0.25m~3m)
- Covered by a lifetime warranty
- Range: -20°C~60°C
- OD is 4.0+/-0.2mm
- 34AWG



| LENGTH | BLACK | WHITE | BLUE | GREY | YELLOW | RED | GREEN |
|--------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| 0.25m | PLSSK-C6A-0.25 | PLSSW-C6A-0.25 | PLSSE-C6A-0.25 | PLSSGY-C6A-0.25 | PLSSY-C6A-0.25 | PLSSR-C6A-0.25 | PLSSG-C6A-0.25 |
| 0.5m | PLSSK-C6A-0.5 | PLSSW-C6A-0.5 | PLSSE-C6A-0.5 | PLSSGY-C6A-0.5 | PLSSY-C6A-0.5 | PLSSR-C6A-0.5 | PLSSG-C6A-0.5 |
| 0.75m | PLSSK-C6A-0.75 | PLSSW-C6A-0.75 | PLSSE-C6A-0.75 | PLSSGY-C6A-0.75 | PLSSY-C6A-0.75 | PLSSR-C6A-0.75 | PLSSG-C6A-0.75 |
| 1m | PLSSK-C6A-1 | PLSSW-C6A-1 | PLSSE-C6A-1 | PLSSGY-C6A-1 | PLSSY-C6A-1 | PLSSR-C6A-1 | PLSSG-C6A-1 |
| 1.25m | PLSSK-C6A-1.25 | PLSSW-C6A-1.25 | PLSSE-C6A-1.25 | PLSSGY-C6A-1.25 | PLSSY-C6A-1.25 | PLSSR-C6A-1.25 | PLSSG-C6A-1.25 |
| 1.5m | PLSSK-C6A-1.5 | PLSSW-C6A-1.5 | PLSSE-C6A-1.5 | PLSSGY-C6A-1.5 | PLSSY-C6A-1.5 | PLSSR-C6A-1.5 | PLSSG-C6A-1.5 |
| 2m | PLSSK-C6A-2 | PLSSW-C6A-2 | PLSSE-C6A-2 | PLSSGY-C6A-2 | PLSSY-C6A-2 | PLSSR-C6A-2 | PLSSG-C6A-2 |
| 2.5m | PLSSK-C6A-2.5 | PLSSW-C6A-2.5 | PLSSE-C6A-2.5 | PLSSGY-C6A-2.5 | PLSSY-C6A-2.5 | PLSSR-C6A-2.5 | PLSSG-C6A-2.5 |
| 3m | PLSSK-C6A-3 | PLSSW-C6A-3 | PLSSE-C6A-3 | PLSSGY-C6A-3 | PLSSY-C6A-3 | PLSSR-C6A-3 | PLSSG-C6A-3 |

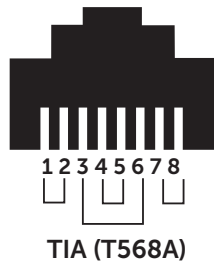


SPECIFICATIONS

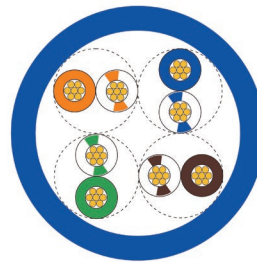
| | | | | |
|---|---|--|-----------------------|-------------------------|
| Characteristics | Connector | RJ45 Shielded Connector with 50u Inch Gold Plate | | |
| | Housing | PVC Molded with Strain Relief | | |
| | Cable | CAT6A S/FTP Stranded Cable | | |
| Approvals | 3P Certified Category 6A Channel Testing Performance Requirements | | | |
| | UL/cUL Listed. | | | |
| Applications | 10GBASE-T Ethernet | | | |
| | 100BASE-TX Fast Ethernet | | | |
| | 1000BASE-TX/ 1000BASE-T Gigabit Ethernet | | | |
| | 10BASE-TX Ethernet | | | |
| Impedance | 64kHz | 100Ω ± 15% | | |
| | 1~250MHz | 100Ω ± 15% | | |
| Attenuation & Near End Cross Talk (dB) | Frequency (MHz) | Min. Insertion Loss | Min. Next (dB) | Min. PS NEXT(dB) |
| | 1MHz | 3.15 | 74.3 | 72.3 |
| | 10MHz | 8.85 | 59.3 | 57.3 |
| | 100MHz | 28.65 | 44.3 | 42.3 |
| | 200MHz | 41.4 | 39.8 | 37.8 |
| | 250MHz | 46.65 | 38.3 | 36.3 |
| | 300MHz | 51.45 | 37.1 | 35.1 |
| | 400MHz | 60.15 | 35.3 | 33.3 |
| | 500MHz | 67.95 | 33.8 | 31.8 |

T568A Cabling Pinout Specifications

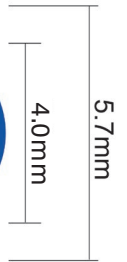
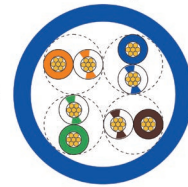
- 8 - Brown
- 7 - Brown/White
- 6 - Orange
- 5 - Blue/White
- 4 - Blue
- 3 - Orange/White
- 2 - Green
- 1 - Green/White



normal type



slim type



Packaging

Please note we took the up-most care to compile the information in this datasheet. To the best of our knowledge all info provided were correct at the time of creation. Should any specs change we try to update info accordingly. Information are subject to change without notice. In the case that you find any irregularity please inform our team at contactus@dynamix.co.nz

Last updated: 8 September 2023

