

# CAT6A S/FTP SLIMLINE 10G SHIELDED PATCH LEADS

## DESCRIPTION

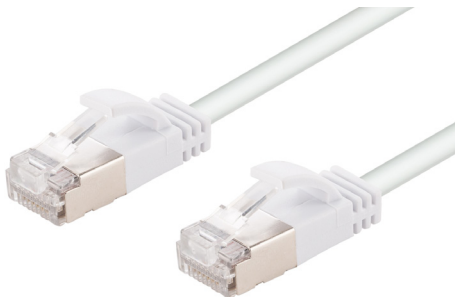
Our DYNAMIX Cat6A shielded S/FTP slimline 10G patch leads are made with tangle free slimline injection moulded boots and are wired to the T568A pin-out the specification. They come in 7 different colours and available in 9 lengths (0.25m~3m).

## 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) & IEEE 802.3at (30W)
- Available in 7 different colours
- Available in 9 lengths (0.25m~3m)
- Covered by a lifetime warranty
- Range: -20~60°C



Black



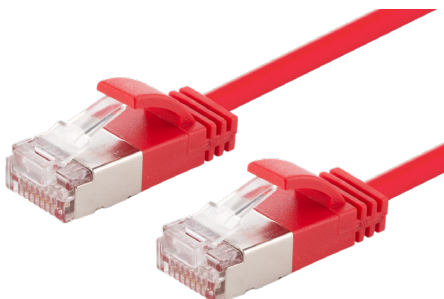
White



Blue



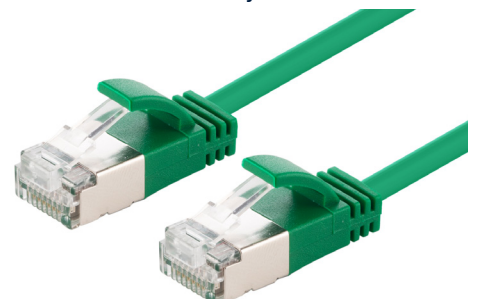
Grey



Red



Yellow



Green



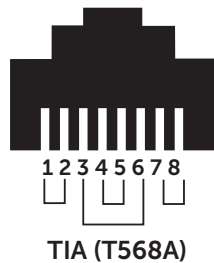
LENGTH	BLACK	WHITE	BLUE	GREY	YELLOW	RED	GREEN
0.25m	PLSSK-C6A-0.25	PLSSW-C6A-0.25	PLSSE-C6A-0.25	PLSSGY-C6A-0.25	PLSSY-C6A-0.25	PLSSR-C6A-0.25	PLSSG-C6A-0.25
0.5m	PLSSK-C6A-0.5	PLSSW-C6A-0.5	PLSSE-C6A-0.5	PLSSGY-C6A-0.5	PLSSY-C6A-0.5	PLSSR-C6A-0.5	PLSSG-C6A-0.5
0.75m	PLSSK-C6A-0.75	PLSSW-C6A-0.75	PLSSE-C6A-0.75	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**

<b>Characteristics</b>	Connector	RJ45 Shielded Connector with 50u Inch Gold Plate		
	Housing	PVC Molded with Strain Relief		
	Cable	CAT6A S/FTP Stranded Cable		
<b>Approvals</b>	3P Certified Category 6A Channel Testing Performance Requirements UL/cUL Listed.			
<b>Applications</b>	10GBASE-T Ethernet			
	100BASE-TX Fast Ethernet			
	1000BASE-TX/ 1000BASE-T Gigabit Ethernet			
	10BASE-TX Ethernet			
<b>Impedance</b>	64kHz	100Ω ± 15%		
	1~250MHz	100Ω ± 15%		
<b>Attenuation &amp; Near End Cross Talk (dB)</b>	<b>Frequency (MHz)</b>	<b>Min. Insertion Loss</b>	<b>Min. Next (dB)</b>	<b>Min. PS NEXT(dB)</b>
	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 R4
- ⑦ - Brown/White T4
- ⑥ - Orange R2
- ⑤ - Blue/White T1
- ④ - Blue R1
- ③ - Orange/White T2
- ② - Green R3
- ① - Green/White T3



Packaging

**ALSO AVAILABLE:**

<p><b>PLSK-C6-0.25</b></p>  <p>Cat6A 10G Black Slimline Component Level UTP Patch Lead (30AWG).</p>	<p><b>PLK-AUGS-0</b></p>  <p>Cat6A Black SFTP 10G Patch Lead. (Cat6 Augmented) 500MHz Slimline Moulding.</p>	<p><b>PLK-C6A-1H</b></p>  <p>Cat6 Black UTP Patch Lead (T568A Specification) 250MHz Slimline Snaggles Moulding.</p>	<p><b>PL-STP6-0</b></p>  <p>Cat6 26AWG Beige STP Patch Lead (T568A Specification) Slimline Snaggles Moulding, 26AWG.</p>
--	---	---	---

Patch leads available in different colours and lengths, visit our website for more details

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](mailto:contactus@dynamix.co.nz)

Last updated: 28 October 2020