

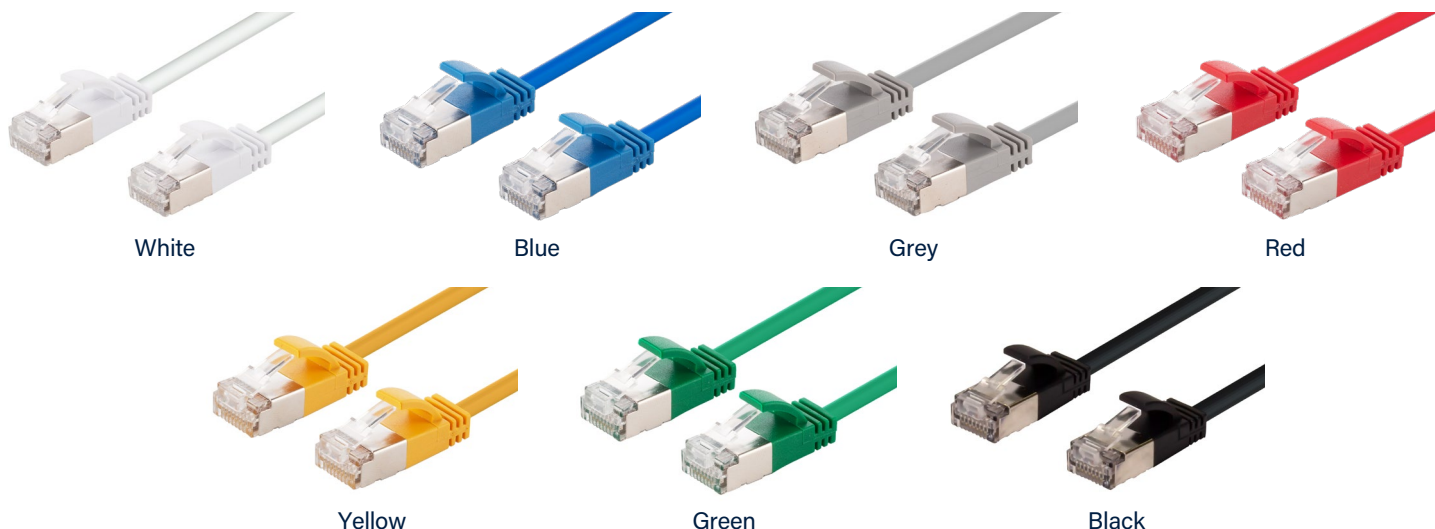
# CAT6A S/FTP ULTRA-SLIM 10G SHIELDED PATCH LEADS

## 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 & a clutter-free setup. Capable of supporting Power over Ethernet (PoE) standards up to 15.4W, allowing for versatile device connections & power delivery over a single cable. Tailor your network setup with 7 vibrant colour options & 9 diverse lengths to suit any configuration or aesthetic preference. Invest in unparalleled quality & design with the DYNAMIX Cat6A S/FTP Ultra Slim-Line Network Patch Leads. Your network deserves the best.

## FEATURES

- Produced by an ISO9001 & 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
- LSZH (Low Smoke Zero Halogen) Outer jacket
- 50u Gold plated RJ45 connectors
- Complies with RoHS & 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

7

6

5

4

3

2

1

- Brown

- Brown/White

- Orange

- Blue/White

- Blue

- Orange/White

- Green

- Green/White

1

2

3

4

5

6

7

8

TIA (T568A)

normal type

slim type

5.7mm

4.0mm

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](mailto:contactus@dynamix.co.nz)  
Last updated: 25 July 2024

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25 YEAR  
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