

Category 6A Unshielded Patch Cords

These Patch cords are made of Multistrand Copper below the outer jacket. Construction made of LSZH (low smoke zero halogen) thermoplastic Jacket. Patch cord assemblies are available in Straight, Cross-over, Roll-over with both End RJ45 Male Connector Offering.

The plug is designed with built-in strain relievers to prevent the cable from moving at the termination point, when the cable is flexed. The strain relievers also maintain proper bend radius. These innovations are designed to ensure maximum throughput at installations.

Standards



- ANSI/TIA-568.2-D
- ISO/IEC 11801: Class EA
- 10/100/1000Base-T/10GBase-T
- 155Mbps ATM
- Power over Ethernet (POE)

Construction

Conductor	Stranded Bare Copper
Nominal Conductor Diameter	24/7 AWG
Insulation	PE
Separator	PE Cross
Jacket	Low Smoke Zero Halogen
Jacket Diameter	5.90mm ± 0.30mm
Colour of Jacket	Grey, Blue, Red, Yellow, Green
Ripcord	No
Plug and Boot Colour	Transparent
Plug Contact Gold Plating	50µ
Plug & Boot Housing	Polycarbonate UL94V-0

Electrical Data

DC resistance at 20°C (max)	11.00Ω / 100m
DC resistance unbalance (max)	4%
Mutual capacitance at 20°C (max)	5.6nF / 100m
Capacitance Unbalance (max)	330PF/100m
Operating voltage (max)	250 V AC at 2 Amps
Delay Skew	536ns /100m
Worse case cable skew	≤45ns / 100m
Impedance (Ω)	100±15%
Nominal velocity of propagation	69%
Dielectric Strength	0.5kV AC / 1.0kV DC

Environmental

Transport and storage	-20° to 75°C
Installation	4° to 50°C
Operation	-20° to 75°C

Compliances

Flammability	IEC 60332-1
Smoke density	IEC 61034
Acid gas	IEC 60754-1

How to Order

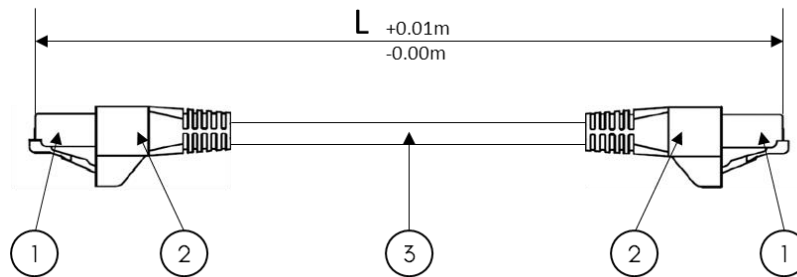
Description	Product Code
Category 6A Multistrand Unshielded LSZH Patch cord	545092-XXXX

X denotes Colour; 4 = Grey, 6 = Blue, 8 = Yellow, 9 = Green

YYY Denotes Length Decimeters

Colour (X) \ Length (YYY)	Grey (4)	Blue (6)	Red (7)	Yellow (8)	Green (9)
0.5mtr (005)	545092-4005	545092-6005	545092-7005	545092-8005	545092-9005
1mtr (010)	545092-4010	545092-6010	545092-7010	545092-8010	545092-9010
2mtr (020)	545092-4020	545092-6020	545092-7020	545092-8020	545092-9020
3mtr (030)	545092-4030	545092-6030	545092-7030	545092-8030	545092-9030
5mtr (050)	545092-4050	545092-6050	545092-7050	545092-8050	545092-9050

Other Lengths and colours are available upon request.



1	Plug
2	Boot
3	Cable

