

## Category 6 Unshielded Solid Patch Cords

These Patch cords are made of Solid Copper below the outer jacket. Construction made of PVC (Poly Vinyl Chloride) 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
- 10/100/1000Base-T
- 155Mbps ATM
- Power over Ethernet (POE)

### Construction

Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	24 AWG
Insulation	PE
Separator	HDPE
Jacket	PVC
Jacket Diameter	5.80mm ± 0.30mm
Colour of Jacket	Grey
Ripcord	Yes
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)	5%
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	536 nS /100m
Worse case cable skew	≤45 ns / 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	UL 1666
Smoke density	ASTM 2843
Acid gas	IEC 60754-1

### How to Order

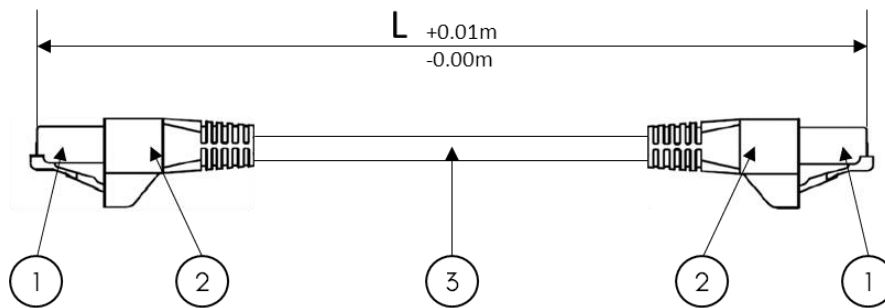
Description	Product Code
Category 6 Solid PVC Patch cord	541090-XXXX

X denotes Colour; 4 = Grey

YYY Denotes Length Decimeters

Length (YYY)	Colour (X)	Grey (4)
5mtr (050)		541090-4050
10mtr (100)		541090-4100
55mtr (550)		541090-4550

Other Lengths and Colours are available upon request.



1	Plug
2	Boot
3	Cable

