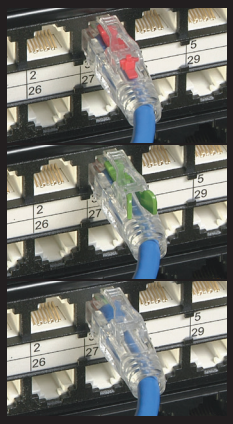
BLACK BOX

3-Series CAT6A/6/5e Lockable Patch Cables

One High Performance Cable with Three Levels of Security

These guaranteed-for-life, high-performance cables give you three levels of security depending on the locking pin option you choose. They're one of the simplest and most effective ways you can turn network ports into a Layer 1 security tool—when you need to.



Red Pin: Locked

- Prevent unauthorized access and tampering of mission-critical and publicly accessible ports, especially in government offices, lobbies, retail establishments, and more.
- Cable stays locked until you release it with the Removal Tool.

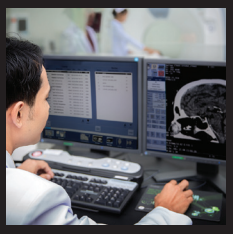
Green Pin: Secured

- Prevent accidental disconnects, particularly in manufacturing and industrial applications.
- Cable is released by squeezing the green pin. No tool required.

No Pin: Protected

- Even with no locking pin, the rugged, hard-polymer LockPORT™ boot and plug are integrated for better strength and to protect the cable.
- Use these premium cables without a locking pin for your everyday network connections.

Ideal for many industries and applications.



Healthcare

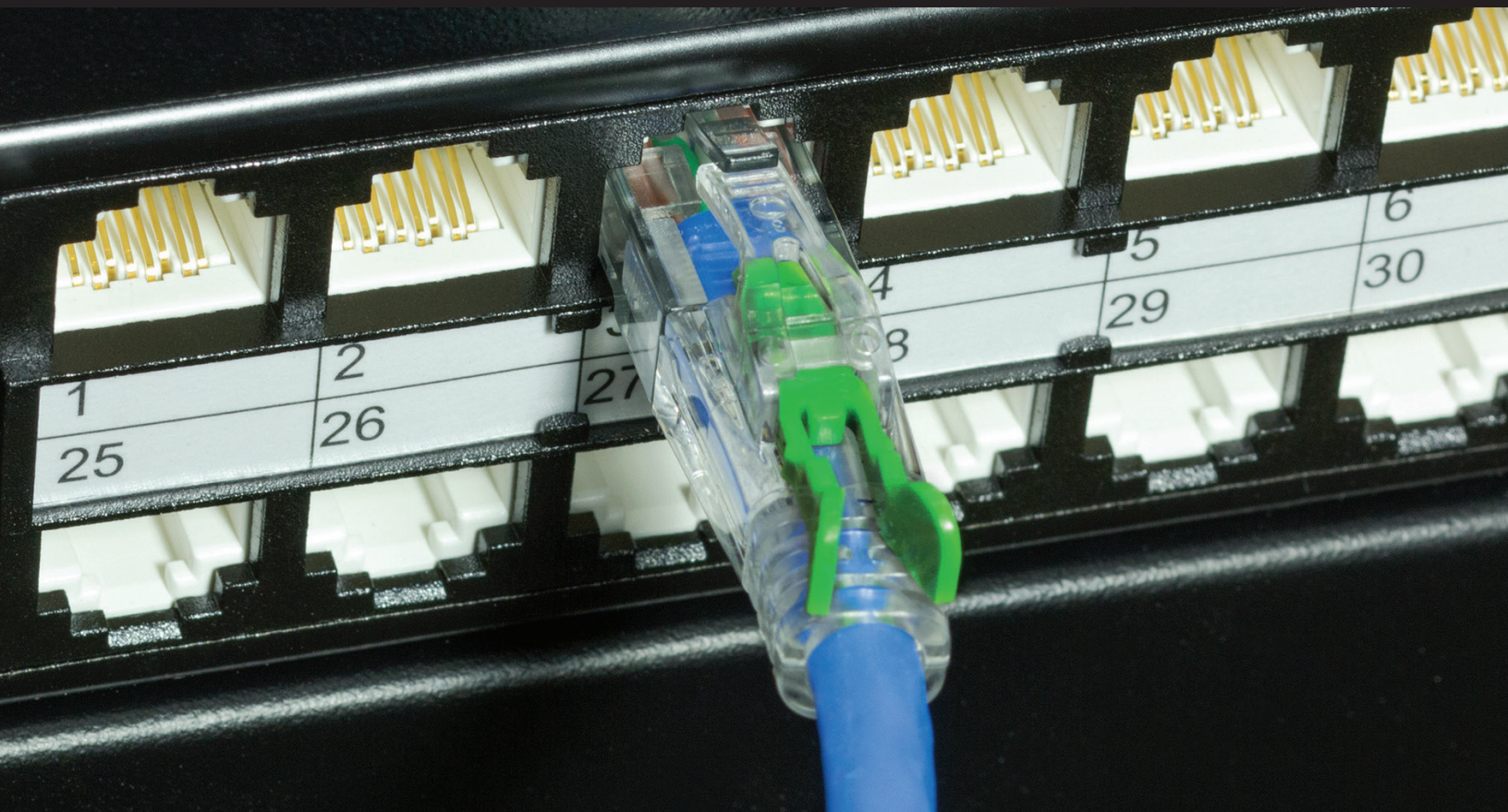
Education

Government

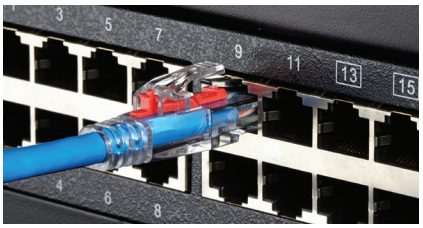
Hospitality

Manufacturing

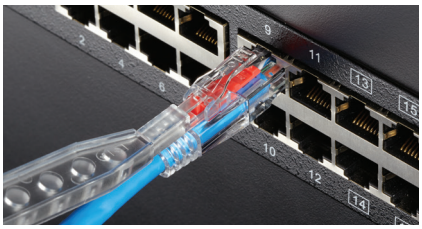
Publicly Accessible Lobbies



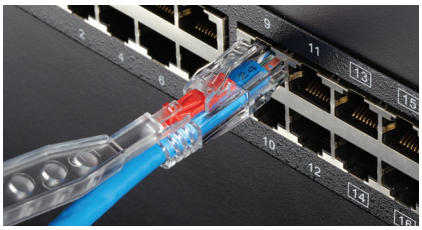
How to release the Red Locking Pin.



A locked cable with the Red Locking Pin.



To unlock, insert the Key into the Pin until it clicks.



Pull the Locking Pin back and lift the Key to release.

The lock and key.

The Removal Key (sold separately) is constructed of the same hard-polymer as the boot. Keep some Locking Pins (sold separately) on hand in case you need to lock ports.

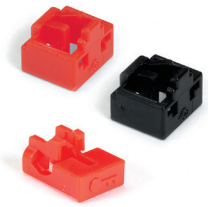
KEY-CL

LP40-GN-10PK
LP40-GN-25PK

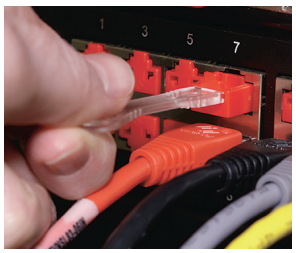
LP50-RD-10PK
LP50-RD-25PK

Locking Pins		
Red Locked	10-Pack	LP50-RD-10PK
Red Locked	25-Pack	LP50-RD-25PK
Green Secure	10-Pack	LP40-GN-10PK
Green Secure	25-Pack	LP40-GN-25PK
Removal Key		KEY-CL

PortLocks secure unused ports.



RJ45 and LC Port Locks with Port Lock Removal Key



PortLocks CATx RJ-45	
25-Pack, Includes Removal Key	
Red	PL-AB-RD-25PAK
Black	PL-AB-BK-25PAK
PortLocks Fiber LC	
25-Pack, Includes Removal Key	
Red	PL-LC-RD-25PAK
Black	PL-LC-BK-25PAK
Extra Port Lock Removal Key works with LC and RJ45	RT-AB-CL

3-Series Unshielded Lockable Patch Cables

3-Series Shielded Lockable Patch Cables

Type		CAT6	CAT5E	CAT6A	CAT6
Bandwidth		**550-MHZ**	**350-MHZ**	**650-MHZ**	**250-MHZ**
Shielding		**UTP**	**UTP**	**F/UTP**	**Sc/FTP**
Base Part #*		C6PC70-	C5EPC70-	C6APC80S-	C6PC70S-
Color	**= XX**				
Blue	= BL	•	•	•	**
Black	= BK	•	•	•	•
Gray	= GY	•			**
White	= WH	**			**
Red	= RD	•			**
Green	= GN	•			**
Yellow	= YL	**	**		**
Orange	= OR	**			**
Violet	= VT	**			
Length	**= YY**				
1 ft.	= 01	•	•		•
2 ft.	= 02	•	•		•
3 ft.	= 03	•	•	•	•
4 ft.	= 04	•	•		
5 ft.	= 05	•	•	•	•
6 ft.	= 06	•	•		•
7 ft.	= 07	•	•	•	•
10 ft.	= 10	•	•	•	•
15 ft.	= 15	•	•	•	•
20 ft.	= 20	•	•	•	•
25 ft.	= 25	•	•		•
30 ft.	= 30	•	•		
50 ft.	= 50	•	•		
100 ft.	= 100	•	•		
Custom		•	•	•	•

** This color is not available in every length mentioned below.

* To construct the part number, combine the fields as follows: BASE-**XX**-**YY**. For custom cable, add any length to the part number.

3Series Lockable Patch Cables - Technical Data				
Construction	**CAT6A (F/UTP)**	**CAT6 (UTP)**	**CAT6 (Sc/FTP)**	**CAT5e (UTP)**
Conductors	26 AWG stranded copper	24 AWG stranded copper	26 AWG stranded copper	24 AWG stranded copper
Diameter	0.235" (5.9 mm)	0.228" (5.8 mm ± 0.2 mm)	0.224" (5.7 mm ± 0.2 mm)	0.220" (5.6 mm ± 0.2 mm)
Jacket	PVC CMR	PVC CM	PVC CM	PVC CM
Shielding	Aluminized polyester foil	N/A	Each pair: Aluminum foil wrap with insulation; Overall: Tinned copper braid	N/A
Standards	TIA-568-C.2 Category 6A; E196163-G CMR (UL) c(UL); RoHS	TIA-568-C.2 Category 6; E196163-Y CM (UL) c(UL)	TIA-568-C.2 Category 6; ISO/IEC 11801 Class E; IEC 60332-1-2; EN 50288-5-2; UL E196163-Y	TIA-568-C.2 Category 5e; UL E196163-Y CM (UL, c(UL)
Electrical Specifications				
Capacitance	Pair to ground: 330 pF/100 m	Pair to ground: 330 pF/100 m	Pair to ground: 330 pF/100 m	Pair to ground: 330 pF/100
Conductor Resistance	14 ohms/100 m max.	9.38 ohms/100 m max.	14.07 ohms/100 m max.	9.38 ohms/100 m max.
Mutual Capacitance	13.5 pF/ft at 1.0 MHz	5600 pF/100 m max.	5600 pF/100 m max.	5600 pF/100 m max.
Propagation Delay	500 MHz: 536 nS/100 m max.	550 MHz: 525.5 nS/ 100 m max.	250 MHz: 546 nS/100 m max.	350 MHz: 525.9 nS/ 100 m max.
DC Resistance	14.0 ohms/100 m max.	5% max.	5% max.	5% max.
Delay Skew	< 25 ns	1–10 MHz; 40±10 nS/100 m.	1–250 MHz: 45±10 nS/100 m	1–10 MHz; 40±10 nS/100 m
Impedance	100 ± 20 ohms at 1–650 MHz	100 ± 15 ohms at 1–550 MHz	100 ± 15 ohms at 1–250 MHz	100 ± 15 ohms at 1–350 MHz
Transmission Performance (dB/100m)				
ACRF (EL-FEXT)	27.8 dB at 100 MHz; 13.8 dB at 500 MHz; 11.5 at 650 MHz	27.8 dB at 100 MHz; 16.9 dB at 350 MHz; 12.9 dBat 550 MHz	23.3 dB/100 m at 100 MHz; 15.3 dB/100 m at 250 MHz	23.8 dB at 100 MHz; 12.9 dB at 350 MHz
Insertion Loss	28.7 dB at 100 MHz; 67.9 dB at 500 MHz; 78.5 dB at 650 MHz	19.8 dB at 100 MHz; 39.7 dB at 350 MHz; 51.7 dB at 550 MHz	21.3 dB at 100 MHz; 35 dB at 250 MHz	22 dB at 100 MHz; 45.7 dB at 350 MHz
NEXT	44.3 dB at 100 MHz; 33.8 dB at 500 MHz; 32.1 dB at 650 MHz	44.3 dB at 100 MHz; 36.1 dB at 350 MHz; 33.2 dB at 550 MHz	39.9 dB at 100 MHz; 33.1 dB at 250 MHz	35.3 dB at 100 MHz; 27.1 dB at 350 MHz
PS-NEXT	42.3 dB at 100 MHz; 31.8 dB at 500 MHz; 30.1 dB at 650 MHz	42.3 dB at 100 MHz; 34.1 dB at 350 MHz; 31.2 dB at 550 MHz	37.1 dB at 100 MHz; 30.2 dB at 250 MHz	32.3 dB at 100 MHz; 24.1 dB at 350 MHz
PS-ACRF	24.8 dB at 100 MHz; 10.8 dB at 500 MHz; 8.5 dB at 650 MHz	24.8 dB at 100 MHz; 13.9 dB at 350 MHz; 9.9 dB at 550 MHz	20.3 dB at 100 MHz; 12.3 at 250 MHz	20.8 dB at 100 MHz; 9.9 dB at 350 MHz
Return Loss	19 dB at 100 MHz; 13 dB at 500 MHz; 12 dB at 650 MHz	19.0 dB at 100 MHz; 14.3 dB at 350 MHz; 12.6 dB at 550 MHz	12.0 dB at 100 MHz; 8.0 dB at 250 MHz	20.1 dB at 100 MHz; 16.3 dB at 100 MHz