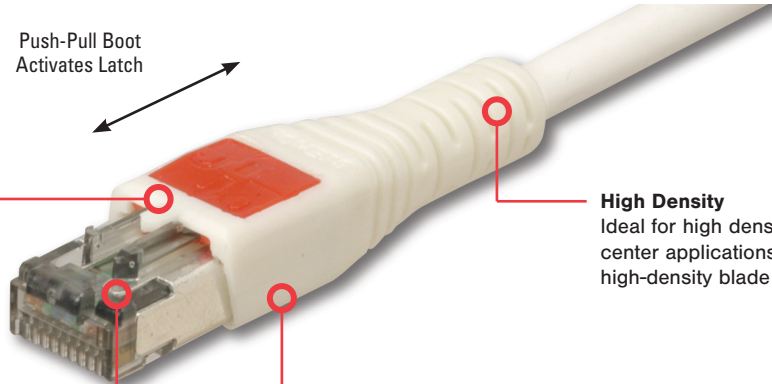# BladePatch® 6 UTP Modular Cords

Siemon's BladePatch 6 offers a unique Category 6 solution for high-density patching environments. It features an innovative push-pull boot design to control the latch, enabling easy access and removal of the cord in tight-fitting areas. The BladePatch cord is ideal for patching blade servers, patch panels, or any equipment with high density RJ-45 outlets.

Snagless
Push-pull latch design eliminates external thumb latch used in standard modular plug designs which can snag and break

Push-Pull Boot Activates Latch

High Density
Ideal for high density data center applications and today's high-density blade servers

Low Profile Boot Design
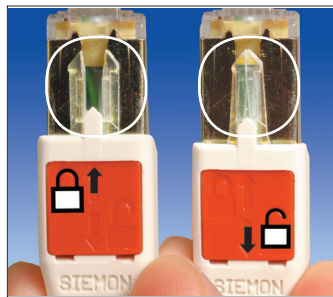Optimizes side-stackability of patch cords and allows use in even the most dense equipment

Easy Access and Removal
RJ-45 patch cord with patent-pending push-pull latch design enables easy access and removal in high density patching environments
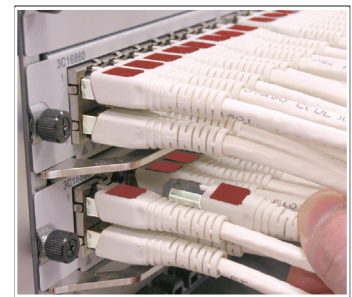
Universal Compatibility
Fits within any standard RJ-45 opening.

Revolutionary Latch
Simply push the boot forward to latch into the outlet and pull back to release.

High Density
The push-pull design enables easy access and removal via the boot in tight-fitting areas.

Performance Specifications*

ELECTRICAL

Contact Resistance	20Ω
Input to Output Resistance	200Ω
Min. Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak
Insulation Resistance	500 mΩ
Compatibility	Backwards to Cat 5e
Current Rating @ 25°C	1.5 A
Power over Ethernet	Suitable for PoE and PoE+

MECHANICAL - GENERAL

Operating Temperature	-10 to 60° C, (14 to 140° F)
Flammability Rating	UL 94 V-0
Green Features	RoHS, lead-free, halogen-free, PVC free
Contact Materials	Copper alloy with contact plating of 50 micro inches or equivalent
Plastic Materials	Flame retardant themoplastic
Marking	P/N, length, performance level, QC

MECHANICAL - PLUG

Number of Plug Insertion Cycles	750
Min. Plug Retention Force	50N (11.2 lbf)
Plug Compatibility	Compatible with RJ45

MECHANICAL - TERMINATION

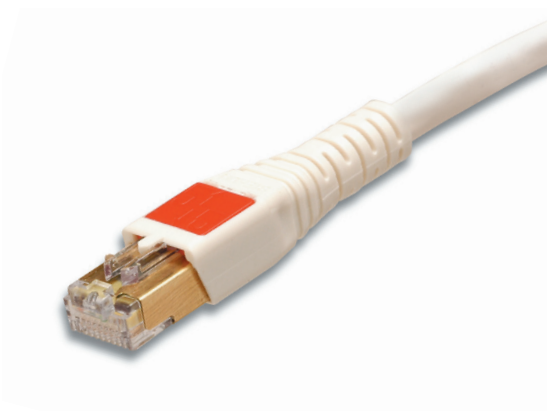|	
Wire Size Range (Nominal)	24 AWG 7x34 Stranded tinned copper
Cable Construction	UTP
Cable OD (Nominal)	5.8mm (0.22 in)
Wiring	T568A/B
Jacket type	CMG
Bend Radius	25mm (1.0 in.)

Ordering Information

BladePatch 6 UTP

Category 6 UTP BladePatch, double-ended, RJ-45 modular patch cord with push-pull latching design, color matching cord/boot, T568A/B.

BP6-(XX)-(XX)

Cord Length
01 = 1m (3.3 ft.)
1.5 = 1.5m (4.9 ft.)
02 = 2m (6.6 ft.)
03 = 3m (9.8 ft.)
05 = 5m (16.4 ft.)
7.5 = 7.5m (24.6 ft.)

Cord Color
01 = Black
02 = White
03 = Red
04 = Gray
05 = Yellow
06 = Blue
07 = Green
08 = Violet
09 = Orange

Add "B" for bulk pack of 100 modular cords.

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

WWW.SIEMON.COM

SIEMON™