

Belden Cable Installation Review

Do

Patch Panels:

- Install and use rear cable management bar
- Use the included screws to mount the panel
- Use aramid cord to split cable jacket

- Keep cable jacket removal to a minimum
- Use “pyramid” on connectors as the stop for natural untwisting of cable pairs
- Use dust caps on connectors
- Stop cable jacket ¼” outside of dust cap

- Terminate pairs furthest from cable jacket first

Don't

- Leave management bar in the box
- Throw the mounting screws away with the box
- Use “no-nick” tools to cut jacket and nick cable pairs
- Remove more than 14” of cable jacket
- Untwist cable pairs by hand

- Throw dust caps away
- Place cable jacket inside (under) the dust cap
- “Camel hump” – overlay wires on top of others

Cable:

- Match patch cables to horizontal cable
- Use a Sniffer to check transmission speed (throughput)
- Leave service loop above racks/cabinets

- Use any manufacturer's patch cables
- Assume the throughput will be what the cable is rated for
- Cut cable as short as possible to reach patch panel

Station

- Leave cable slack above ceiling

- Use aramid cord to split cable jacket

- Keep cable jacket removal to a minimum
- Use dust caps on connectors
- Stop cable jacket ¼” outside of dust cap

- Terminate pairs furthest from cable jacket first
- Use the Outlet Termination Station (puck) to hold and terminate cable on outlets
- Place all pairs inside of connector trough

- Cut cable as short as possible to reach workstation outlet

- Use “no-nick” tools to cut jacket and nick cable pairs
- Remove more than 14” of cable jacket
- Throw dust caps away
- Place cable jacket inside (under) the dust cap.
- “Camel hump” – overlay wires on top of others
- Use bare hands, wall, floor, knee, etc. when terminating jacks
- Leave pairs hanging on connector