

Cerritos College
Cabling Installation Approved Materials List
For
Moves, Adds, and Changes
Established March 4, 2004
Updated May 30, 2019

The District has standardized on end-to-end copper structured cabling and connectivity products manufactured by BELDEN. To ensure campus-wide compatibility with installed system components and technician skill sets, no substitutions shall be accepted for any products exclusively naming BELDEN as the manufacturer.

The standard wiring configuration for Data outlets is T568B.

Materials required for installations may include, but are not limited to:

Analog Voice

Cable

Belden DataTwist 1200, CMR non-bonded-pair, gray, 1212 008U1000

Belden DataTwist 1200, CMP non-bonded-pair, gray, 1213 008U1000

Jacks

CommScope/Krone USOC Voice Jack, gray, 6467 1 095-20

Belden KeyConnect USOC EZ-MDVO Modular Jack, gray, AX100588

Belden MDVO USOC Modular Jack, gray, AX101033

Category 5e

Cable

Belden DataTwist 1200, CMR non-bonded-pair, blue, 1212 006U1000

Belden DataTwist 1200, CMP non-bonded-pair, blue, 1213 D15U1000

Patch Panel

CommScope/Krone 24-Port Patch Panel, black, 6653 1 585-24

Belden 24-Port Cat5e HD Patch Panel, black, AX103258

Jacks

CommScope/Krone Cat5e Jack, white, 6467 5 181-20

Belden MDVO Cat5e Modular Jack, white, AX101046

Belden KeyConnect Cat5e Modular Jack, white, AX101309

Patch Cords

Belden Cat5e Modular Patch Cord, 7ft, blue, C501106007
Belden Cat5e Modular Patch Cord, 10ft, blue, C501106010
Belden Cat5e Modular Patch Cord, 10ft, gray, C501108010
Belden Cat5e Modular Patch Cord, 15ft, gray, C501108015

Category 6

Cable

Belden DataTwist 4800, CMR non-bonded pair, blue, 4812 006A1000
Belden DataTwist 4800, CMP non-bonded pair, blue, 4813 D15A1000

Patch Panel

Belden Cat6+ KeyConnect 48-Port Patch Panel, black, AX103255

Jacks

Belden MDVO Cat6+ Modular Jack, white, AX101065
Belden KeyConnect Cat6+ Modular Jack, white, AX101320

Patch Cords

Belden Cat6+ Modular Patch Cord, 7ft, blue, C601106007
Belden Cat6+ Modular Patch Cord, 10ft, blue, C601106010
Belden Cat6+ Modular Patch Cord, 10ft, gray, C601108010
Belden Cat6+ Modular Patch Cord, 15ft, gray, C601108015

Category 6A

Cable

Belden 10GX Cat6A, CMR non-bonded pair, blue, 10GX12 0061000
Belden 10GX Cat6A, CMP non-bonded pair, blue, 10GX13 D151000

Patch Panel

Belden Cat 6A KeyConnect 48-port Patch Panel, titanium, AX103256

Jacks

Belden REVConnect Cat 6A Modular Jack, white, RVAMJKUEW
Belden MDVO Cat6A Modular Jack, white, AX102271
Belden KeyConnect Cat6A Modular Jack, white, AX102282

Patch Cords

Belden Cat6A Modular Patch Cord, 7ft, blue, CA21106007
Belden Cat6A Modular Patch Cord, 10ft, blue, CA21106010
Belden Cat6A Modular Patch Cord, 4ft, gray, CA21108004
Belden Cat6A Modular Patch Cord, 10ft, gray, CA21108010
Belden Cat6A Modular Patch Cord, 15ft, gray, CA21108015

Video

Cable

Belden DataTwist 2400, shielded CMR non-bonded pair F/UTP, yellow, 2412F 0041000
Belden DataTwist 2400, shielded CMP non-bonded pair F/UTP, yellow, 2413F 0041000

Jacks

Belden KeyConnect Cat6+ Shielded Modular Jack, Metallic, AX102652

Faceplates/Adapters/Boxes

Belden

Belden MediaFlex Faceplate, white, AX101747
Belden MDVO 2-port angled adaptor inserts, white, AX101755 (2 per faceplate)
Belden KeyConnect 2-port angled adaptor inserts, white, AX102413 (2 per faceplate)

Belden MDVO Surface-Mount Box, 2-port, white, A0645273
Belden MDVO 4-Port Modular Furniture Adaptor, white, AX100927
Belden MDVO Blank Inserts, white, A0405538

Belden KeyConnect Faceplate, 2-port, white, AX102655
Belden KeyConnect Faceplate, 4-port, white, AX102249
Belden KeyConnect Surface-Mount Box, 2-port, white, AX102652
Belden KeyConnect Wall Mount Phone Plate, Stainless Steel, AX102005
Belden KeyConnect Blank Inserts, white, AX102262

CommScope

CommScope/Krone Angled Faceplate, white, 6644 1 174-01
CommScope/Krone 4-Port Surface-Mount Box, white, 6644 1 224-01
CommScope/Krone 4-Port Modular Furniture Faceplate, white, 6644 1 144-01
CommScope/Krone 4-port Walker 500-series Faceplate, white, 6644 1 165-20
CommScope/Krone 4-port 106 Adaptor, white, 6644 1 107-20
CommScope/Krone Blank Inserts, white, 6645 1 160-01

Common Items

CADDY CableCat or equivalent J-hook
STIFFY 200-series cradle
CADDY, Arlington, or equal single-gang low voltage mounting bracket (after-set ring).
Panduit or Wiremold surface cable raceway, white (where required)

If raceway outlets are required:

Wiremold 5400TBWH white finish two-compartment surface raceway
5400CWH full width covers
MXN2A08WH corner drop raceway base & cover (for vertical corner feed)
5410DFOWH divided entrance end
5411FOWH flat elbow
5415WH full capacity tee
5417FOWH internal elbow
5418WH external elbow
MXN2F21WH corner entrance fitting (for vertical corner feed)
5408LWH left transition fitting (for MXN2A08WH corner drop)
5408RWH right transition fitting (for MXN2A08WH corner drop)
5410WH end cap (for raceway ends)

5450WH device brackets (for mounting power outlets and data end plates)

CM-EPLA-WH end plates (to receive up to 3 CM2-U2NOR-WH modules)
CM2-U2NOR-WH Belden/CDT unloaded modules (to hold 2 Belden jacks)
CM2-BLWH blank insert (for unused openings of end plates)

5507DWH duplex faceplates (for electrical duplex, 1 per end plate)
5507BWH blank faceplates (for all unused openings of device brackets)
All additional required fittings

All listed Wiremold components are white finish (WH suffix added to catalog number)

See additional [installation standards here](#)