Operating since 1986, CP Technologies has been a leading manufacturer Copper & Fiber Connectivity Solutions. Our goal has been, is today and will be for the future, to focus on products and service that are driven by Quality, Reliability, Performance and Value.

Our ‘Team’ of Sales, Customer Service, Engineers and Technical Support are here to ensure a smooth transaction of business with every call.

Located in Southern California, our products are integrated and applied around the world within these industries:
Commercial
Residential
Government
Military
Schools
Medical
Entertainment
You will find CP Tech products offered at many of the leading National and Regional Distributors in the country. Just ask for us by name.

CLEARLINKS is a trademark brand by CP Technologies

**BENEFITS of CP TECH:**
- Superior Customer Service
- Fast Quote Turnaround
- Heavily Stocked Inventory
- On-Site Engineering Staff
- Flexible Arrangements
- Custom Copper and Fiber Assemblies
- Corning GOLD Partner
- “One Stop Shop”
<table>
<thead>
<tr>
<th>Fiber Cables</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corning</td>
<td>13</td>
</tr>
<tr>
<td>Copper Cables</td>
<td>14</td>
</tr>
<tr>
<td>Patch Panels</td>
<td>25</td>
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<tr>
<td>Keystone Products</td>
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<tr>
<td>Power Cords</td>
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<tr>
<td>Network Switching</td>
<td>34</td>
</tr>
<tr>
<td>Security Cameras</td>
<td>38</td>
</tr>
</tbody>
</table>
Stock FIBER Attenuators

Features and Benefits
- Fixed Attenuation values of 1 through 10, 12, 15 and 20 dB
- Optical performance 100% factory tested
- UPC, and APC available
- Polarization insensitive - doped fiber
- Compact design fits in existing connections or patch panels
- Bellcore Compliant (GRW-NWT-910,GR-326-CORE)
- SC - FC - ST - LC - MU

Applications
- Telecommunication Networks
- CATV Networks
- Data Communications
- Instrumentation
- Local Area Networks

Specifications

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Conditions</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attenuation Values</td>
<td></td>
<td>Attenuation ±20%(0-5)10%(5dB+)</td>
</tr>
<tr>
<td>Return Loss</td>
<td>UPC Premium</td>
<td>&gt;55 dB</td>
</tr>
<tr>
<td></td>
<td>APC</td>
<td>&gt;65 dB</td>
</tr>
<tr>
<td>Durability</td>
<td>500 matings</td>
<td>&lt;0.2 dB x Attenuation</td>
</tr>
<tr>
<td>Temperature Cycling</td>
<td>-40~+80°C (42 cycles)</td>
<td>&lt;0.2 dB x Attenuation</td>
</tr>
<tr>
<td>Humidity Cycling</td>
<td>75°C, 95%/336Hr</td>
<td>&lt;0.2 dB x Attenuation</td>
</tr>
<tr>
<td>Vibration</td>
<td>10~55Hz (2Hr)</td>
<td>&lt;0.2 dB x Attenuation</td>
</tr>
<tr>
<td>Impact</td>
<td>1.5m drop, 8 cycles</td>
<td>&lt;0.02 dB x Attenuation</td>
</tr>
</tbody>
</table>

Dimensions

Part Number:
- SC-SM-ATTN-xDB: Fiber Attenuator, SC, Single Mode, Male to Female, Fixed dB
- LC-SM-ATTN-xDB: Fiber Attenuator, LC, Single Mode, Male to Female, Fixed dB
- SCA-SM-ATTN-xDB: Fiber Attenuator, SC/APC, Single Mode, Male to Female, Fixed 1 dB
- FC-SM-ATTN-xDB: Fiber Attenuator, FC, Single Mode, Male to Female, Fixed dB

Stock dB =

1  2  3  4  5  6  7  8  9  10  12  15  20
CP Technologies has been providing custom MTP cables for some time now and are proud to announce an addition to our offering, the new 24 Fiber MTP by US Conec™.

Each cable is assembled and tested in our Irvine California Fiber Clean Room where we also make certified Corning GOLD Jumpers. The ends are professionally polished and 100% Tested for low insertion loss and back reflection.

These MTP cables provide easy plug and play modularity with High density MTP adapters in lab environments and Data centers.

**Features and Benefits**

- US Conec™ MTP Connectors for quick connection of fibers
- Plug and Play
- Domestic built (USA and TAA Compliant)
- High density interconnect
- Removable housing for quick change of pin clamps and easy ferrule cleaning/re-polishing
- Single-Mode and Multi-Mode color coded housing’s
- Alignment achieved with high precision guide pins
- Push/Pull mating for quick installation
- Test data supplied with each assembly
- Quick turn around with cable and connectors onsite in Irvine California

**Applications**

- Telecommunications Closets
- Networking Infrastructures
- Enterprise Computing OEMS
- Broadcast Communications
- Campus Networking
- Premise Installations
- Test Equipment
- High-End Industrial Controls
- Military
- Medical
- Lab Environments
- High Density Applications
- Disaster Recovery Data Control
- Data Centers
- Roving Vehicles
Stock FIBER CABLEs

- Built to exceed industry standards
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- Individually bagged with test results
- Duplex Multi-Mode (62.5/125, 50/125, 50/125 OM3-10Gig)
- Duplex Single-Mode (9/125) Duplex, Simplex
- Corning Glass
- ST, SC, LC, MTRJ (All UPC—Ultra Polished Connectors)
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Segmented “Short” boot for bend strain relief and “Compact Depth” applications
- 2mm Orange, (MM), Yellow (SM), Aqua (MM-10G) Zipcord jacket with aramid yarn strength members
- Lifetime Warranty

Custom FIBER CABLEs

- Built to exceed industry standards
- Strand Count from 1—144
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- Multi-Mode (62.5/125, 50/125, 50/125 OM3-10Gig, OM4) Duplex, Simplex
- Single-Mode (9/125) Duplex, Simplex
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Corning or Generic Glass
- Riser, Plenum, Indoor, Outdoor, Armored
- Advanced Automated Polishing Machines on site
- ST, SC, LC, MTRJ, FC, MTP and APC Angled Polished Connectors
- Lifetime Warranty
- Typical Shipping: 1-2 Business Days

CORNING GOLD CABLEs

- Tested for Insertion loss and reflectance on all connectors
- Built to exceed industry standards
- Multi-Mode (62.5/125, 50/125, OM3 and OM4-10Gig) Duplex, Simplex
- Single-Mode (9/125) Duplex, Simplex
- Advanced Automated Polishing Machines on site
- ST, SC, LC, MTRJ, FC, MTP and APC Angled Polished Connectors
- Riser, Plenum, Indoor, Outdoor
- Typical Shipping: 1-2 Business Days
- LANscape® 25 Year Warranty when installed by an approved CCS Installer Partner
- Factory Terminated resulting in uncompromised performance compared to field terminated cables
FIBER CABLES

Stock FIBER CABLEs

- Built to exceed industry standards
- Segmented boot for bend strain relief
- Corning Glass
- UPC—Ultra Polished Connectors
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- 2mm Orange Zipcord jacket with aramid yarn strength members
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Lifetime Warranty
- Riser Rated, Orange Jacket

LC  SC  ST  MTRJ

Smart value!

<table>
<thead>
<tr>
<th>Connection</th>
<th>Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC to LC</td>
<td>LC2-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>SC to ST</td>
<td>STSC-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>LC to SC</td>
<td>LCSC-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>MTRJ to SC</td>
<td>MTRJ-SC-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>LC to ST</td>
<td>LCST-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>ST to ST</td>
<td>ST2-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>MTRJ to LC</td>
<td>MTRJ-LC-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>SC to SC</td>
<td>SC2-62.5-Length</td>
<td></td>
</tr>
<tr>
<td>MTRJ to MTRJ</td>
<td>MTRJ2-62.5-Length</td>
<td></td>
</tr>
</tbody>
</table>

Stock Lengths = Meters

- 1 m
- 2 m
- 3 m
- 4 m
- 5 m
- 6 m
- 7 m
- 8 m
- 9 m
- 10 m
- 15 m
- 20 m
- 25 m
- 30 m

Smart value!
FIBER CABLES

Stock FIBER CABLEs

- Built to exceed industry standards
- Segmented boot for bend strain relief
- Corning Glass
- UPC—Ultra Polished Connectors
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- 2mm Orange Zipcord jacket with aramid yarn strength members
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Lifetime Warranty
- Riser Rated, Orange Jacket

LC SC ST MTRJ

<table>
<thead>
<tr>
<th>Connectors</th>
<th>Part Number:</th>
<th>Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC to LC</td>
<td>LC2-50U-&lt;Length&gt;</td>
<td>1m, 2m, 3m, 5m, 7m, 10m, 15m, 20m, 25m, 30m</td>
</tr>
<tr>
<td>SC to SC</td>
<td>LCSC-50U-&lt;Length&gt;</td>
<td></td>
</tr>
<tr>
<td>LC to ST</td>
<td>LCST-50U-&lt;Length&gt;</td>
<td></td>
</tr>
<tr>
<td>MTRJ to MTRJ</td>
<td>MTRJ2-50U-&lt;Length&gt;</td>
<td></td>
</tr>
<tr>
<td>SC to ST</td>
<td>STSC-50U-&lt;Length&gt;</td>
<td></td>
</tr>
<tr>
<td>ST to ST</td>
<td>ST2-50U-&lt;Length&gt;</td>
<td></td>
</tr>
</tbody>
</table>

Complementing Product:
Multi-Mode Fiber Media Converter—to Copper Ethernet
FVT-4001

Smart value!
ClearLinks™
Stock FIBER CABLEs

- Built to exceed industry standards
- Segmented boot for bend strain relief
- Corning Glass
- UPC—Ultra Polished Connectors
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- 2mm Aqua Zipcord jacket with aramid yarn strength members
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Lifetime Warranty
- Riser Rated, Aqua Jacket

LC SC

Smart value!

- LC to LC
  Part Number: LC2-10G-Length

- SC to SC
  Part Number: SC2-10G-Length

- LC to SC
  Part Number: LCSC-10G-Length

Complementing Product:
Fiber Media Converter—to Gigabit Copper Ethernet

Along with:
Fiber Media Transceiver
LC-Gigabit
SFP-3111
LC, MM, 1.25Gbs
2Km

GVT-4000 (SFP)

Stock FIBER CABLEs

Lengths = Meters

1 m 1 m 1 m 1 m
2 m 2 m 2 m 2 m
3 m 3 m 3 m 3 m
4 m 4 m 4 m 4 m
5 m 5 m 5 m 5 m
6 m 6 m 6 m 6 m
7 m 7 m 7 m 7 m
8 m 8 m 8 m 8 m
9 m 9 m 9 m 9 m
10 m 10 m 10 m 10 m
15 m 15 m 15 m 15 m
20 m 20 m 20 m 20 m
25 m 25 m 25 m 25 m
30 m 30 m 30 m 30 m
FIBER CABLES

ClearLinks™

Stock FIBER CABLEs

- Built to exceed industry standards
- Segmented boot for bend strain relief
- Corning Glass
- UPC—Ultra Polished Connectors
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- 2mm Yellow Zipcord jacket with aramid yarn strength members
- Factory terminated resulting in uncompromised performance compared to field terminated cables
- Lifetime Warranty
- Riser Rated, Yellow Jacket

LC  SC  ST  MTRJ

Smart value!

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC to LC</td>
<td>LC2-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>LC to SC</td>
<td>CL-LCSC-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>LC to ST</td>
<td>CL-LCST-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>SC to ST</td>
<td>STSC-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>ST to ST</td>
<td>ST2-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>SC to SC</td>
<td>SC2-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>SC/APC to SC/APC</td>
<td>SCA2-SMD-Length</td>
<td></td>
</tr>
<tr>
<td>SC/APC to SC/APC</td>
<td>SCA2-SMS-Length</td>
<td></td>
</tr>
</tbody>
</table>

Stock Lengths = Meters

- 1 m: 8 m
- 2 m: 9 m
- 3 m: 10 m
- 4 m: 15 m
- 5 m: 20 m
- 6 m: 25 m
- 7 m: 30 m

Riser Rated, Yellow Jacket

Smart value!
Custom FIBER CABLEs

CP Technologies is a premier provider of custom fiber cable assemblies. Our claim to fame on the quality of our production earned us a Gold partnership with Corning. At CP Tech, our clean room fiber production facility and personnel located in Irvine, California is set up to produce “Made in the U.S.A.” single to multi-fiber assemblies including MTP and Mode-Conditioning. Being terminated by our quality trained personnel, the cables we provide will ensure reliability and ease of use for any type of installation. All connector types are available up to 144 count fiber cable, in custom colors and lengths. Options include identification labels, pulling eyes and spools for long assembly lengths.

- Built to Exceed Industry Standards
- Strand Count from 1—144
- Insertion loss and reflectance on all connectors are tested for optimum performance guarantee
- Multi-Mode (62.5/125, 50/125, 50/125 OM3 and OM4-10Gig)
- Single-Mode (9/125)
- Corning or Generic Glass
- Advanced Automated Polishing Machines on site
- ST, SC, LC, MTRJ, FC, MTP, Escon and APC Angled Polished Connectors
- Mode-Conditioning (ST, SC, LC)
- Premium LC Connectors
- Lifetime Warranty
- Custom built within 1-2 Business Days (Typical)

Options:
- Pulling Eyes
- Spools
- Riser or Plenum
- LSZH
- Direct Burial
- Armored

Colors:
- Blue
- Light Blue
- Purple
- Yellow
- Red
- Orange
- Green
- Aqua
- Brown
- Gray
- White
- Pink
- Black

Connector Options:
- ST
- FC
- SC
- LC
- MTRJ
- MTP
- SC LOOP
- LC LOOP

CP Technologies uses a variety of cable manufacturers to complete your specific needs. Computer Assisted Design (CAD) drawings are available at no charge to ensure the item is correct prior to assembling.

1550nm Single Mode Testing Now Available*

CALL for CUSTOM QUOTES!

*Additional Cost
FIBER CABLES

Multi Strand Fiber Assembly
Part number, Configuration

**EXAMPLE PART NO.:**  SC  XX  S  012  D  005  M  S  9

<table>
<thead>
<tr>
<th>CONNECTOR A SIDE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC(LC,ST,FC,MA)(M41)APC,SC(M1)APC,MM(M1KU)APC,MM(M1KU)WIP),(MT(MTP),M1(WTP WIPING),SL(SLIM LC)</td>
</tr>
<tr>
<td>SA(SC APC),LA(LC APC),LL (LOW LOSS)</td>
</tr>
<tr>
<td>LS(LOW LOSS SC),LT(LOW LOSS ST),DA(DATA CENTER LOW LOSS SLIM TYPE)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONNECTOR B SIDE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC(LC,ST,FC,NA)(STRU APC),(MTRU,(MM(MTRU WIPING)),MT(MTP),M1(WTP WIPING),SL(SLM LC)</td>
</tr>
<tr>
<td>SA(SC APC),LA(LC APC),LL (LOW LOSS)</td>
</tr>
<tr>
<td>LS(LOW LOSS SC),LT(LOW LOSS ST),DA(DATA CENTER LOW LOSS SLIM TYPE)</td>
</tr>
<tr>
<td>XX(LB(UNT))</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FIBER TYPE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM2.5/125</td>
</tr>
<tr>
<td>S=9/125</td>
</tr>
<tr>
<td>S=9/125</td>
</tr>
<tr>
<td>A=AQUA 19GIG</td>
</tr>
<tr>
<td>F=HYBRID 9/10G</td>
</tr>
<tr>
<td>G=HYBRID 62.5/50</td>
</tr>
<tr>
<td>H=HYBRID 62.5/50</td>
</tr>
<tr>
<td>+1GIG SX+ 50G OM3</td>
</tr>
<tr>
<td>+1GIG SX+ 50G OM4</td>
</tr>
<tr>
<td>C=CLEARLINKS 10G SX+ 200M</td>
</tr>
</tbody>
</table>

"BEND LESS SENSITIVE"
(IF THIS APPLIES,STRAND COUNT DROPS TO 2 CHARACTERS)

<table>
<thead>
<tr>
<th>STRAND COUNT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5=CLEAR CURVE 5.0MM</td>
</tr>
<tr>
<td>T=7.5MM 657 A/B</td>
</tr>
<tr>
<td>1=10MM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STYLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>D=DISTRIBUTION</td>
</tr>
<tr>
<td>B=BX FURCATION</td>
</tr>
<tr>
<td>L=LOOSE TUBE</td>
</tr>
<tr>
<td>R=RIBBON</td>
</tr>
<tr>
<td>A=ARMORED</td>
</tr>
<tr>
<td>M=MESSANGER</td>
</tr>
<tr>
<td>Z=ZIPCORD</td>
</tr>
<tr>
<td>S=SIMPLEX</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LENGTH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>M=METERS</td>
</tr>
<tr>
<td>F=FEET</td>
</tr>
<tr>
<td>H=INCHES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT OF MEASURE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN=INCHES</td>
</tr>
<tr>
<td>M=METERS</td>
</tr>
<tr>
<td>T=TELEMETRIC</td>
</tr>
<tr>
<td>F=FEET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CABLE TYPE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5=PLENUM INDOOR</td>
</tr>
<tr>
<td>4=HIKER INDOOR</td>
</tr>
<tr>
<td>3=PLENUM INDOUD</td>
</tr>
<tr>
<td>2=RUSER INDO/OUTD</td>
</tr>
<tr>
<td>0=OUTDOOR ONLY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STRAND TYPE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9=STRENGTHENED JACKET</td>
</tr>
<tr>
<td>4x4 1MM MTP RIBBON JACKET</td>
</tr>
<tr>
<td>3x3 1MM FURCATION</td>
</tr>
<tr>
<td>2x2 1MM FURCATION</td>
</tr>
<tr>
<td>x=NONE</td>
</tr>
</tbody>
</table>

COLOR SENSITIVE(=IF APPLIES "STRAND TYPE" IS DROPPED FROM PART#)
NEW!

Pretium EDGE™ Reverse Polarity Uniboot

Pretium EDGE® Solutions jumpers are integrated reverse-polarity uniboot duplex assemblies that meet the high-density space requirements of the MDA and EDA and provide a 50-percent reduction in bulk cabling when compared to traditional duplex jumpers. The highly flexible, 2-fiber interconnect cable reduces cable congestion, improves jumper management and routing and improves air circulation.

Enabled by Corning® ClearCurve® multimode optical fiber, Premium EDGE® Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend-radius of 10 mm with minimal bend-induced attenuation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degradation in systems caused by severe bending prob-

Pretium EDGE™ Reverse Polarity Uniboot which provides quick and easy polarity management in the field without any tooling requirements in three steps:

1. Rotate boot 45°, sliding and lifting trigger to remove from assembly
2. Rotate LC connectors 180°
3. Reinstall trigger, rotating boot back to original position

CAH Connections® Gold Program

The Corning Cable Systems CAH Connections Gold Program represents the highest standard for manufacturers of optical patch cords. The companies in the program have demonstrated a proven track record of manufacturing and business excellence. These companies have a commitment to purchasing Corning Cable Systems materials, fiber optic cable and connectors, adhere to recommended manufacturing processes, and are subjected to annual audits conducted by Corning Cable Systems.
CP Technologies production laboratories located in Irvine, California are proud to offer Made in the USA custom copper cable assemblies. CP Technologies uses a variety of cable manufacturers to complete your specific needs. Computer Assisted Design (CAD) drawings are available at no charge to ensure the item is correct prior to manufacturing.

- Any Length
- CAT5E, CAT6, CAT6A
- Booted or Non Booted
- Crossover Cables
- Unshielded and Shielded
- Riser or Plenum Rated Jackets
- 110 to 110 or 110 to RJ45
- Bundled

Boot Options:

- Premium Clear “Claw” Boot
- Color “Claw” Boot
- “Slip On” Boot

Smart cables. **Smart value.**

ClearLinks **Performance** Series Patch Cords

CP Technologies copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.

- Unshielded
- UL Listed
- CAT5E 350MHz
- CAT6E 550MHz
- CAT6A 10 Gigabit
- Slim molded Snag-free boots
- 50 micron gold plating on Mod Plugs
- 4 pair, 24 AWG Bare Copper Stranded Wire
- Lifetime Warranty
- Retail Packaged
- Made in ISO 9001 Registered Factory
- Independently Tested

Extended locking tab comes standard on all Performance Series assemblies

100% COPPER

50um GOLD

Ultra-flexible Strain Relief Boot

ClearLinks™

Made in the USA

TAA Compliant

RoHS Compliant
Stock COPPER CABLEs

Smart value, Smart CHOICE.

Part Number:
C5E-BK-xx-M

Part Number:
C5E-BL-xx-M

Part Number:
C5E-GR-xx-M

Part Number:
C5E-LG-xx-M

Part Number:
C5E-OR-xx-M

Part Number:
C5E-PU-xx-M

Part Number:
C5E-RD-xx-M

Part Number:
C5E-WH-xx-M

Part Number:
C5E-YW-xx-M

Performance Series Patch Cords

CP Technologies copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.
• CAT5E 350MHz Unshielded Cable
• Slim molded Snag-free “Claw” boots for High Density environments or No Boot
• 50 micron gold plating on Mod Plugs
• 4 pair, 24 AWG Bare Copper Wire
• Foot Mark Labels
• Lifetime Warranty
• Retail Packaged
• Made in ISO 9001 Registered Factory
• Independently Tested

Colors = Black (BK), Blue (BL), Light Grey (LG), Green (GR), Orange (OR), Purple (PU), Red (RD), White (WH), Yellow (YW)

Additional Custom Colors:
Brown, (BR), Light Blue (LB), Neon Green, (NG), Pink (PI)

Retail Packaging with No Brand Generic Option

No Boot Part Number:
C5E-Color-xx-O

Stock Lengths = Feet
1 2 3 4 5 6 7 8 9 10 14 15 20 25 50 75 100

100% COPPER

Smart value. Smart CHOICE.
Stock COPPER CABLEs

Smart value. Smart CHOICE.

Retail Packaging with No Brand Generic Option

Stock COPPER CABLEs exceed all Component ratings set by ANSI/TIA-568 requirements.

- CAT6E 550MHz Unshielded Cable
- Slim molded Snag-free “Claw” boots for High Density environments or No Boot
- 50 micron gold plating on Mod Plugs
- 4 pair, 24 AWG Bare Copper Wire
- Foot Mark Labels
- Lifetime Warranty
- Retail Packaged
- Made in ISO 9001 Registered Factory
- Independently Tested

Colors = Black (BK), Blue (BL), Light Grey (LG), Green (GR), Orange (OR), Purple (PU), Red (RD), White (WH), Yellow (YW)

Additional Custom Colors:
- Brown, (BR), Light Blue (LB), Neon Green, (NG), Pink (PI)

Lifetime WARRANTY

Retail Packaging with No Brand Generic Option

Part Number: C6-BK-xx-M
Part Number: C6-BL-xx-M
Part Number: C6-GR-xx-M
Part Number: C6-LG-xx-M
Part Number: C6-OR-xx-M
Part Number: C6-PU-xx-M
Part Number: C6-RD-xx-M
Part Number: C6-WH-xx-M
Part Number: C6-YW-xx-M

Part Number: C6-Color xx-O

Performance Series Patch Cords

Stock Copper Cables

Stock Lengths = 1 2 3 4 5 6 7 8 9 10 14 15 20 25 50 75 100

Smart value. Smart CHOICE.

100% COPPER

Retail Packaging with No Brand Generic Option

Part Number: C6-BK-xx-M
Part Number: C6-BL-xx-M
Part Number: C6-GR-xx-M
Part Number: C6-LG-xx-M
Part Number: C6-OR-xx-M
Part Number: C6-PU-xx-M
Part Number: C6-RD-xx-M
Part Number: C6-WH-xx-M
Part Number: C6-YW-xx-M

Part Number: C6-Color xx-O
Stock COPPER CABLEs

CP Technologies copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.

- CAT6A 500MHz Unshielded Cable
- Molded Boots
- 50 micron gold plating on Mod Plugs
- 4 pair, 24 AWG Bare Copper Wire
- Lifetime Warranty
- Independently Tested

Jacket Colors = BLACK, BLUE, GRAY, GREEN, ORANGE, RED, WHITE, YELLOW

Stock Lengths = 1, 2, 3, 4, 5, 6, 7, 10, 15, 20, 25, 35, 50, 75, 100 Feet

Part Number: C6A-Color xx M

Install with CP Tech’s Blank Patch Panels + CP Tech’s Keystone Jacks
CP TECHNOLOGIES

COPPER CABLES

Stock COPPER CABLEs

ClearLinks CAT5E STP

Product Overview

CP Technologies copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.

- Single Inner Shielded Cable
- Exceeds TIA Cat5 Standards
- 50 micron gold plating on Mod Plugs
- 4 pair, 26 AWG Bare Copper Wire
- UL Approved
- Lifetime Warranty
- Slim line Snag-free boots

Jacket Colors = BLACK BLUE GRAY GREEN ORANGE RED WHITE YELLOW

Stock Lengths = .5 1 2 3 4 5 6 7 10 15 20 25 35 50 75 100 150

Part Number: SH-C5E-Color-xx-M

Install with CP Tech’s Blank Shielded Patch Panels

CP Tech’s Shielded Keystone Jacks
Stock COPPER CABLEs

Product Overview

CP Technologies copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.

- Double Shielded Cable
- Exceeds TIA Cat6 Standards
- 50 micron gold plating on Mod Plugs
- 4 pair, 26 AWG Bare Copper Wire
- UL Approved
- Lifetime Warranty
- Slim line Snag-free boots

Jacket Colors = BLACK, BLUE, GRAY, GREEN, ORANGE, RED, WHITE, YELLOW

Stock Lengths = .5, 1, 2, 3, 4, 5, 6, 7, 10, 15, 20, 25, 35, 50, 75, 100, 150

Part Number: SH-C6-Color-xx-M

Install with CP Tech’s Blank Shielded Patch Panels

CP Tech’s Shielded Keystone Jacks
Stock Passive COPPER CABLEs

SFP+ cables enable hardware manufacturers and data center operators to achieve high port density, configurability and utilization at a very low cost and reduced power requirement.

Product Overview

CP Technologies passive copper patch cables:
- 10G Ethernet
- InfiniBand SDR, DDR, and QDR
- Fiber Channel 8, 10G
- FCoE 10G

Used for:
- Networking
- Storage

Used with:
- Hubs
- Switches
- Routers
- Servers
- NICs

Compliant and fully conform to the SFP+ MSA specifications.

CP Tech’s high speed cable assemblies meet and exceed the performance and reliability requirements set by the Industry Standards.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-SFPPC-1M</td>
<td>1M PASSIVE 10G SFP+ COPPER CABLE (28AWG)</td>
</tr>
<tr>
<td>CP-SFPPC-2M</td>
<td>2M PASSIVE 10G SFP+ COPPER CABLE (28AWG)</td>
</tr>
<tr>
<td>CP-SFPPC-3M</td>
<td>3M PASSIVE 10G SFP+ COPPER CABLE (28AWG)</td>
</tr>
<tr>
<td>CP-SFPPC-5M</td>
<td>5M PASSIVE 10G SFP+ COPPER CABLE (24AWG)</td>
</tr>
</tbody>
</table>
**Product Overview**

Quabbin Cables Datamax® copper patch cables exceed all Component ratings set by ANSI/TIA-568 requirements.

- Double Foil Shield and drain wire
- Exceeds TIA Cat6A Standards
- 50 micron gold plating on Mod Plugs
- 4 pair, 26 AWG Bare Copper Wire
- Soft Spline
- UL Approved
- PSAXT (6 cables around) margin > 10dB
- DC resistance 26.0 Ohms/K ft Max.
- Slim line Snag-free boots

Minimizes Alien Crosstalk (AXT) noise and terminates to high-performance shielded modular Plugs. Tested to 500MHz.

**Jacket Colors =**

- BLACK
- BLUE
- GRAY
- GREEN
- ORANGE
- RED
- WHITE
- YELLOW
- PURPLE

Part Number: Q-SH-C6A-Color-xx-CL

**CALL for CUSTOM QUOTES!**
Custom COPPER CABLEs

CP Technologies production laboratories located in Irvine, California are proud to offer Made in the USA custom copper cable assemblies.

- Any Length
- CAT5E
- CAT6
- CAT6A
- Booted or Non Booted
- Crossover Cables
- Unshielded and Shielded
- CM, Riser or Plenum Rated Jackets
- 110 to 110 or 110 to RJ45
- Bundled
- Loopback

Other Boot Options:
- Color “Claw” Boot
- “Slip On” Boot

Jacket Colors =
- BLACK
- BLUE
- GRAY
- GREEN
- ORANGE
- RED
- WHITE
- YELLOW
- PURPLE
- PINK
- Light Blue
- BROWN
- Neon Green

CP Technologies uses a variety of cable manufacturers to complete your specific needs. Computer Assisted Design (CAD) drawings are available at no charge to ensure the item is correct prior to assembling.

CALL for CUSTOM QUOTES!
BULK PATCH CABLE

CP Technologies manufactures its own bulk copper patch cable which is UL, cUL, ETL Verified, 100% Copper, in both Solid and Stranded.

UTP SOLID

- CAT5E 350MHz Unshielded Cable
- 4 pair, 24 AWG Bare Copper Wire
- SOLID, CM Rated
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number:
E-207-4P-C5-xx-S

UTP STRANDED

- CAT5E 350MHz Unshielded Cable
- 4 pair, 24 AWG Bare Copper Wire
- STRANDED, CM Rated
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number:
E-207-4P-C5-xx

STP STRANDED

- CAT5E 350MHz Shielded Cable
- 4 pair, 24 AWG Bare Copper Wire
- STRANDED, CM Rated
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number:
S-207-C5E-xx

xx = Colors
Black (BK)  Blue (BL)
Grey (LG)  Green (GR)
Orange (OR) Purple (PU)
Red (RD)  White (WH)
Yellow (YW)
BULK PATCH CABLE

CP Technologies manufactures its own bulk copper patch cable which is UL, cUL, ETL Verified, 100% Copper, in both Solid and Stranded.

**UTP SOLID**
- CAT6E 550MHz Unshielded Cable
- 4 pair, 24 AWG Bare Copper Wire
- SOLID, CM Rated
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number:
C6-207-4P-xx-S

**UTP STRANDED**
- CAT6E 550MHz Unshielded Cable
- 4 pair, 24 AWG Bare Copper Wire
- STRANDED, CM Rated
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number:
C6-207-4P-xx

**STP STRANDED**
- CAT6E 550MHz Shielded Cable
- 4 pair, 26 AWG Bare Copper Wire
- STRANDED, CM Rated
- Independently Tested

Part Number:
S-207-C6-xx

Smart CHOICE.

Double Shield Noise Protection

* Each pair foil shielded
* 4 pair braid shielded

xx = Colors
- Black (BK)
- Grey (LG)
- Orange (OR)
- Red (RD)
- Yellow (YW)

- Blue (BL)
- Green (GR)
- Purple (PU)
- White (WH)
CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.

• Supplied 89D Bracket
• Universal Wiring 568A/B
• 110 Termination
• Supports Gigabit
• Lifetime Warranty
• Made in ISO 9001 Registered Factory
• Independently Tested

**Part Number:** CP-3014-12P-E-M

### 24 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.

• 19” Rack Mount, 1RU
• Universal Wiring 568A/B
• 110 Termination
• Supports Gigabit
• Lifetime Warranty
• Made in ISO 9001 Registered Factory
• Independently Tested

**Part Number:** CP-3014-24P-E-B

### 48 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.

• 19” Rack Mount, 2RU
• Universal Wiring 568A/B
• 110 Termination
• Supports Gigabit
• Lifetime Warranty
• Made in ISO 9001 Registered Factory
• Independently Tested

**Part Number:** CP-3014-48P-E-B

### 96 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.

• 19” Rack Mount, 4RU
• Universal Wiring 568A/B
• 110 Termination
• Supports Gigabit
• Lifetime Warranty
• Made in ISO 9001 Registered Factory
• Independently Tested

**Part Number:** CP-3014-98P-E-B
Category **PATCH PANELS**

### 12 Port Vertical Wall Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.
- Supplied 89D Bracket
- Universal Wiring 568A/B
- 110 Termination
- Supports Gigabit
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number: CP-3014-12P-C6-M

### 24 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.
- 19” Rack Mount, 1RU
- Universal Wiring 568A/B
- 110 Termination
- Supports Gigabit
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number: CP-3014-24P-C6-B

### 48 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.
- 19” Rack Mount, 2RU
- Universal Wiring 568A/B
- 110 Termination
- Supports Gigabit
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number: CP-3014-48P-C6-B

### 96 Port Rack Mount

CP Technologies patch panels exceed all Component ratings set by ANSI/TIA-568 requirements.
- 19” Rack Mount, 4RU
- Universal Wiring 568A/B
- 110 Termination
- Supports Gigabit
- Lifetime Warranty
- Made in ISO 9001 Registered Factory
- Independently Tested

Part Number: CP-3014-96P-C6-B
### Category Keystone INSERTS

**CAT5E**
- 110 Compatible
- 90° Split Back
- 568A/B Wiring
- 22-26 AWG

**xx = Colors**
- Black (BK)
- Blue (BL)
- Green (GR)
- Red (RD)
- White (WH)
- Electric White (EW)
- Shielded

**Part Numbers**
- CL-3013B-C5E-xx
- CL-210B-C5E-SH

**CAT5E**
- 110 Compatible
- 90° Split Back
- 568A/B Wiring
- 22-26 AWG

**Part Numbers**
- CP-3013A/B-C5-B
- CP-3013A/B-C5-G
- CP-3013A/B-C5-EW
- CP-3013A/B-C5-BK
- CP-3013A/B-C5-O
- CP-3013A/B-C5-R
- CP-3013A/B-C5-Y
- CL-210B-C5E-xx

**CAT5E**
- 110 Compatible
- 180° Split Back
- 568A/B Wiring
- 22-26 AWG

**Part Numbers**
- CP-3013A/BC5E-SH
**Category Keystone INSERTS**

**CAT6**
110 Compatible
180° Split Back
568A/B Wiring
22-26 AWG
xx = Colors
Black (BK)
Blue (BL)
Green (GR)
Red (RD)
Yellow (YW)
Shielded (SH)

Part Number: CL-3013B-C6E-xx

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Black

Part Number: 3013B-8C-C6-BLK

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Ivory

Part Number: 3013B-8C-C6-IVY

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Electric White

Part Number: 3013B-8C-C6-EW

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Red

Part Number: 3013B-8C-C6-RED

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Blue

Part Number: 3013B-8C-C6-BLU

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Green

Part Number: 3013B-8C-C6-GRN

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Ivory

Part Number: 3013B-8C-C6-IVY

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Orange

Part Number: 3013B-8C-C6-ORG

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Yellow

Part Number: 3013B-8C-C6-YLW

---

**CAT6**
110 Compatible
90° Split Back
568A/B Wiring
22-26 AWG
Feed Thru Coupler
568A/B Wiring
Shielded

Part Number: CL-3013B-C6-SH

---

**CAT6**
Feed Thru Coupler
568A/B Wiring
xx = Colors
Black (BK)
White (WH)

Part Number: CL-210B-C6-xx
Category Keystone INSERTS

Product Overview

CP Technologies Cat6A Keystone Inserts meet all Component ratings set by ANSI/TIA-568 requirements.

- CAT6 500MHz Unshielded
- 110 Termination Compatible
- 90° Split Back
- 568A/B Wiring
- 22-26 AWG

Part Number: CL-3013B-C6A-xx

Jacket Colors = BLACK BLUE WHITE

CAT6A—Shielded 90° Split Back
Part Number: CP-3013A-C6A-SH

CAT6A—Shielded 180° Split Back
Part Number: CL-3013B-C6A-SH

CAT6A—Shielded Coupler
Part Number: CL-210B-C6A-SH

Category 6a (or Augmented Category 6) is defined at frequencies up to 500 MHz—twice that of Cat. 6.

The latest standard from the TIA for enhanced performance standards for twisted pair cable systems was defined in February 2008 in ANSI/TIA/EIA-568-B.2-10.

Category 6a performs at improved specifications, in particular in the area of alien crosstalk as compared to Cat 6 UTP (unshielded twisted pair), which exhibited high alien noise in high frequencies.
# Keystone INSERTS

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT3 (6Cond)</td>
<td>110 Compatible 90º Split Back USOC Wiring 22-26 AWG White</td>
<td>CP-3013U-C3-W</td>
</tr>
<tr>
<td>CATV “F” Connector</td>
<td>Nickel Electric White</td>
<td>CL-216B-F-EW</td>
</tr>
<tr>
<td>Blank Fillers</td>
<td>Electric White</td>
<td>CL-216B-CO-EW</td>
</tr>
<tr>
<td>ST Fiber Simplex</td>
<td>Coupler MM/SM Electric White</td>
<td>CL-216B-ST-EW</td>
</tr>
<tr>
<td>SC Fiber Simplex</td>
<td>Coupler MM/SM Electric White</td>
<td>CL-216B-SC-EW</td>
</tr>
<tr>
<td>LC Fiber Duplex</td>
<td>Coupler MM/SM Electric White</td>
<td>CL-216B-LC-EW</td>
</tr>
<tr>
<td>BNC Coupler</td>
<td>Electric White</td>
<td>CL-216B-BNC-EW</td>
</tr>
<tr>
<td>Blank Fillers</td>
<td>Electric White</td>
<td>CL-213S-BOX-xxx</td>
</tr>
<tr>
<td>Surface Mount Box</td>
<td>2 Port For Keystones xx = Colors White (WHT) Ivory (IVY)</td>
<td>CL-313D-BOX-xxx</td>
</tr>
</tbody>
</table>
**Keystone PLATES**

Flush Mount
Smooth Surface
Industry Leading Color Match
x = Ports
Electrical White

Part Number:
CL-216B-x EW

Flush Mount
Smooth Surface
x = Ports
Ivory

Part Number:
CP-216B-x IV

Flush Mount
Smooth Surface
Label Windows
x = Ports
White

Part Number:
CL-216I-x WHT

Flush Mount
Smooth Surface
Label Windows
x = Ports
Ivory

Part Number:
CL-216I-x IVY
### Blank (Unshielded)
- 16 Port, 1RU
- 24 Port, 2RU
- 48 Port, 3RU
- 19” Horizontal
- Unloaded
- Non-Flush
- For Keystone Jacks and or Couplers

![Blank Unshielded Panel](image1)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Port</td>
<td>CP-3014-16P-BLN</td>
</tr>
<tr>
<td>24 Port</td>
<td>CP-3014-24P-BLN</td>
</tr>
</tbody>
</table>

### High-Density (Unshielded)
- 24 Port, 1RU
- 48 Port, 2RU
- 19” Horizontal
- Unloaded
- Flush
- For Keystone Jacks and or Couplers
- Includes Rear Cable Management Bar

![High-Density Unshielded Panel](image2)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Port</td>
<td>CL-3014-24P-BLN</td>
</tr>
<tr>
<td>48 Port</td>
<td>CL-3014-48P-BLN</td>
</tr>
</tbody>
</table>

### High-Density (Shielded)
- 24 Port, 1RU
- 48 Port, 2RU
- 19” Horizontal
- Unloaded
- Flush
- Grounding Cable
- For Keystone Jacks and or Couplers
- Includes Rear Cable Management Bar

![High-Density Shielded Panel](image3)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Port</td>
<td>CL-3014S-24P-BLN</td>
</tr>
<tr>
<td>48 Port</td>
<td>CL-3014S-48P-BLN</td>
</tr>
</tbody>
</table>

### Rear Panel Cable Management
- 19” Horizontal
- For Patch Panels

![Rear Panel Cable Management Bar](image4)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 RU</td>
<td>CP-RCMB1RU</td>
</tr>
<tr>
<td>2 RU</td>
<td>CP-RCMB2RU</td>
</tr>
</tbody>
</table>

### Hinged Wall Mount Brackets
- 19” Horizontal
- For Patch Panels

![Hinged Wall Mount Bracket](image5)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 RU</td>
<td>CL-JE313/1</td>
</tr>
<tr>
<td>2 RU</td>
<td>CL-JE313/2</td>
</tr>
<tr>
<td>4 RU</td>
<td>CL-JE313/4</td>
</tr>
</tbody>
</table>
CP Technologies has a wide range of North American power cords and cord sets that are:
- UL and CSA approved.

North American cords are specified by the National Electric Manufacturers Association configurations in relation to both current and voltage.

The outside of factory sealed boxes are marked with a hologram UL label. On each power cord there will be a UL file number on the plugs.

**Connectors**

- C-13
- C-14
- C-19
- C-20
- 5-15P
- L5-15P
- L6-20P
- 6-20P

**AMP-Voltage**

- 10A/250V
- 10A/125V
- 15A-250V
- 15A-125V
- 20A-250V
- 20A-125V

**AWG-Wire**

- 18/3
- 14/3
- 12/3

**Jacket**

- SVT
- SJT

**Lengths-Feet**

- 1
- 2
- 3
- 4
- 5
- 6
- 8
- 10
- 15
- 20
- 25
10/100
Fast Ethernet Switches—Unmanaged

- 10/100Mbs RJ45 ports N-Way Ports
- Supports N-Way protocol for speed (10/100Mbs) and duplex mode (Full/half) detection
- Supports MDI/MDI-X auto crossover and supports full/half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment and CRC error packets
- Provides LED indicators for network diagnostics
- Supports IEEE 802.1p priority queuing Quality of Service (QoS)
- Supports IEEE 802.3az Energy Efficient Ethernet

5 Port
FSW-0511
Desktop (Plastic)

8 Port
FSW-0811
Desktop (Plastic)

16 Port
FEU-1610 (Desktop)

16 Port
FSW-1650 (Rack mount)

24 Port
FEU-2410 (Desktop)

24 Port
FSW-2450 (Rack mount)
10/100/1000
Gigabit Ethernet Switches—Unmanaged

- 10/100/1000Mbs RJ45 ports N-Way Ports
- Supports N-Way protocol for speed (10/100/1000Mbs) and duplex mode (Full/half) detection
- Supports MDI/MDI-X auto crossover and supports full/half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment and CRC error packets
- Provides LED indicators for network diagnostics
- Supports IEEE 802.1p priority queuing Quality of Service (QoS)
- Supports IEEE 802.3az Energy Efficient Ethernet

5 Port
GSW-0507
Desktop (Plastic)

8 Port
GSW-0807
Desktop (Plastic)

16 Port
GEU-1621 (Desktop)

16 Port
GSW-1657 (Rack mount)

24 Port
GEU-2428 (Desktop)

24 Port
GSW-2457 (Rack mount)
10/100
Fast Ethernet Media Converters—Unmanaged

- 10/100 Mbs
- UTP to Fiber Switching Media Conversion
- Auto Negotiation Speed in Half/Full Duplex mode
- TX port supports Auto MDI/MDI-X Crossover
- Built-in Smart Link Error Detection Technology
- Hot swappable
- Can be used as a Standalone converter or slotted into a Converter Chassis

10/100/1000
Gigabit Ethernet Media Converters—Unmanaged

- 10/100/1000 Mbs
- UTP to Fiber Switching Media Conversion
- Auto Negotiation Speed in Half/Full Duplex mode
- TX port supports Auto MDI/MDI-X Crossover
- Built-in Smart Link Error Detection Technology
- Hot swappable
- Can be used as a Standalone converter or slotted into a Converter Chassis

Transceivers

- SFP-1101
  LC, MM, 155Mbs
- SFP-1311
  LC, SM, 155Mbs
- SFP-3111
  LC, MM, 1.25Gbs
- SFP-3211
  LC, SM, 1.25Gbs
PoE Desktop Switches—Unmanaged

8 Port PoE Switch

- IEEE 802.3af compliant
- Automatic MDI/MDIX crossover
- Supports 15.4W maximum per PoE port
- Embedded 8-port PoE injector function
- Back-plane (Switching Fabric): 1.6Gbps
- Fanless Design

4 + 4 Port PoE Switch

- 8-port 10/100Mbp Ethernet Switch with shared 4 PoE ports
- Features 4 PoE ports with classification identify
- Supports 15.4W maximum per PoE port
- Supports automatic PoE Powered Device (PD) classification detection
- Supports over current protection and circuit shorting protection

---

PoE Injector

- IEEE 802.3af compliant
- 15.4 Watts PoE
- Cispr 22-B, VCCI-B, FCC-B Compliant
- Efficiency Over 75%
- Over-Voltage Protective Installation
- Short-circuit Protective Installation
- Protection Type: Auto-Recover
- Operating Temperature 0°C~40°C

---

PoE Splitter

- IEEE 802.3af compliant
- 15.4 Watts PoE
- Led Indicators
- Adjustable DIP Switch
- RJ-45 Port (Power + Data)
- Interchangeable tips (Power out)
- Wall-Mountable

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4 + 4 PoE Ports
10/100
FSW-0809
Power Budget: 30W
OTHER PRODUCTS

- VGA Products
- Fiber Couplers
- USB Products
- HDMI Products
- Audio / Video Products
- Wireless Routers
- Access Points
- Bridges
- Adapters
- Managed Switches
- Layer 2
- Web Smart
- POE
- IP Network Cameras
- Day/Night
- Infrared
- Motion Detection
- KVM Switches

A DIVISION OF CP TECHNOLOGIES