Siemon QSFP+ 40G passive Direct Attach Copper Cable assemblies are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects. The direct attach assemblies (DAC) support 40G applications and are available in standard lengths up to 5 meters.

**Applications**
- Ethernet 40GBASE-CR4
- Infiniband QDR
- Top-of-Rack
- Rack-to-Rack
- Switch-to-Switch
- Switch-to-Server
- Network Interface Adapter
- Accelerator Cards
- Storage
- Routers
- Servers

**Color-Coded Cable Clips**
Our QSFP pull tab are designed to work with the color-coded cable clips; they can be used to designate different networks or speeds. Color-coded cable clips are available in 8 different colors.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIP-CBL-40-(XX)</td>
<td>Color-coded cable clip, 4mm (0.16 in.), bag of 25 clips</td>
</tr>
</tbody>
</table>

Use (XX) to specify color:
- 02 = White
- 03 = Red
- 04 = Grey
- 05 = Yellow
- 06 = Blue
- 07 = Green
- 08 = Violet
- 09 = Orange
### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSFP30-01L</td>
<td>1m (3.3 ft.)</td>
<td>30AWG</td>
</tr>
<tr>
<td>QSFP30-01.5L</td>
<td>1.5m (4.9 ft.)</td>
<td>30AWG</td>
</tr>
<tr>
<td>QSFP30-02L</td>
<td>2m (6.6 ft.)</td>
<td>30AWG</td>
</tr>
<tr>
<td>QSFP30-02.5L</td>
<td>2.5m (8.2 ft.)</td>
<td>30AWG</td>
</tr>
<tr>
<td>QSFP30-03L</td>
<td>3m (9.8 ft.)</td>
<td>30AWG</td>
</tr>
<tr>
<td>QSFP30-05L</td>
<td>5m (16.4 ft.)</td>
<td>30AWG</td>
</tr>
</tbody>
</table>

### Connector

- **Backshell Material**: Nickel Plated Zinc Alloy Die-cast
- **Contact Material**: PCB with Gold-Plated Pads
- **Latch**: Positive Latching with Pull Tab
- **Insertion Force**: 60N (13.5 lbf.) MAX
- **Withdrawal Force**: 30N (6.7 lbf.) MAX
- **Retention Force**: 90N (20.2 lbf.) MIN
- **Durability**: 250 Cycles MIN

### Cable

- **Conductor**: Solid
- **Wire Gauge**: 30AWG
- **Impedence**: 100± 5 ohms
- **Construction**: Twinaxial
- **Cable OD**: 30 AWG = 7.5mm (0.30 in.)
- **Jacket Type**: CM/LS0H
- **Bend Radius**: 7X Cable OD - Single
  15X Cable OD - Repeated

### Performance Specifications

**Electrical**

- **MIN Dielectric Withstand Voltage**: 300 VDC
- **Insulation Resistance**: 1000 MΩ
- **Current Rating**: 0.5 Amp MIN/Signal Contact

**General**

- **Operating Temperature**: -5 to 75°C (23 to 167°F)
- **Flammability Rating (Plastics)**: UL 94, CM/LS0H
- **Environmental**: RoHS, REACH, Lead-Free
- **Shield**: Braid/Foil
- **Jacket Legend**: UL Number, Flammability Ratings, Cable Date Code

**Standards Compliance**

- IEEE 802.3ba
- SFF-8436, SFF-8636, SFF-8661,
- RoHS, REACH

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