

Single-Fiber Patch Cords

CORNING

Features and Benefits

Superior Performance Testing

Every termination is tested to ensure the highest in network performance

State-Of-The-Art Manufacturing Processes

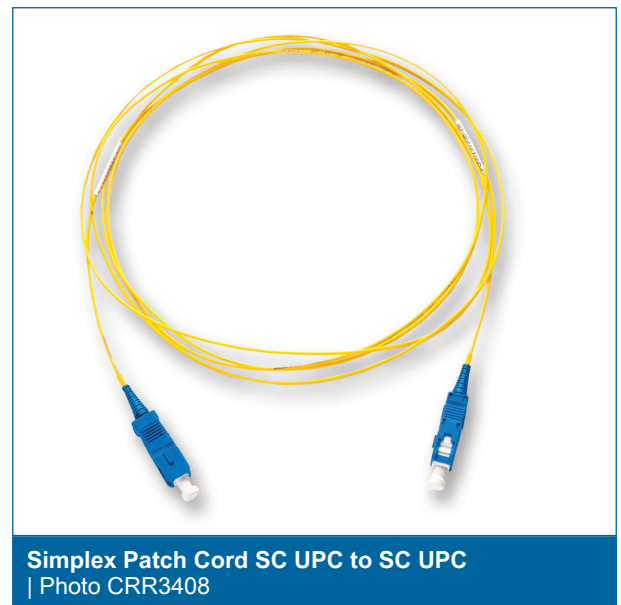
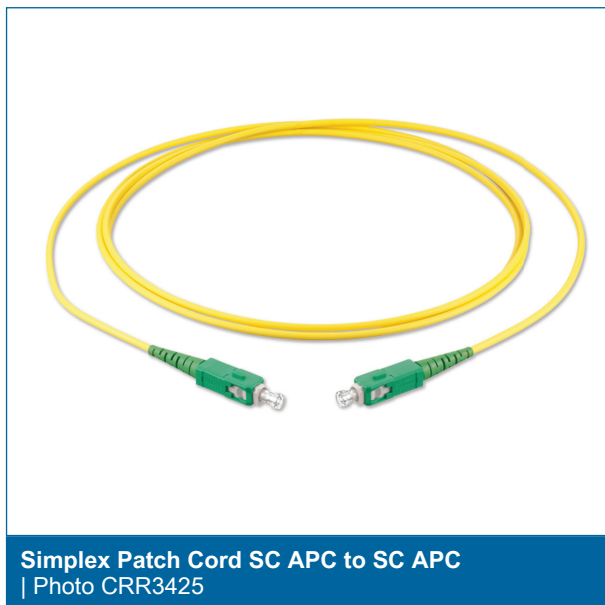
Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

Corning advantage

Integrated developer and manufacturer of cable, connectors and fiber to ensure overall patch cord performance

Corning offers the most complete line of connectors and factory-terminated cables, from single-fiber patch cords to high-fiber-count assemblies. As the industry's leading supplier of cable assemblies, Corning's state-of-the-art manufacturing process ensures unsurpassed connector performance with products that meet or exceed all industry standards for reflectance and insertion loss. Highly trained and qualified associates thoroughly inspect the incoming fibers and ferrules, assemble and polish them using a carefully monitored and controlled process. The assemblies undergo rigorous performance testing to ensure optimal quality in every connector.

Corning's preterminated assemblies use only high-quality Corning optical fibers to ensure total performance quality.



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Single-Fiber Patch Cords

Corning single-fiber patch cords are ordered using four easy steps. The steps involve the selection of connector(s), cable, length and unit of measure. The format/steps are listed below.

| One Fiber Patch Cord Specifications | | | |
|-------------------------------------|----------------|-----------------------|------------------|
| Connector | Connector Code | Max. Attenuation (dB) | Return Loss (dB) |
| LC Simplex | 02 | 0.25 | ≤55 |
| SC Simplex | 58 | 0.25 | ≤55 |
| LC APC | 22 | 0.25 | ≤65 |
| SC APC | 44 | 0.25 | ≤65 |

Ordering Information

| | | | | | | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|---|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------|--|----------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | 0 | 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | | | |
| 1 | | | | | | | | | 2 | | | 3 | | 4 |

- 1** Select connector code.
00 = No connectors (use when ordering a pigtail)
- Single-mode**
02 = LC UPC Simplex
44 = SC APC Simplex
58 = SC UPC Simplex
22 = LC APC Simplex

- 2** Select cable type.
G2131 = SM Ultra Riser 2.0 mm
G2831 = SM Ultra Plenum 2.0 mm
G3116 = SM Ultra Riser 1.6 mm
G3816 = SM Ultra Plenum 1.6 mm
U3112 = SM LBL Riser 1.2 mm

- 3** Select cable assembly length.
001-250 (tip-to-tip)
- 4** Select unit of measure.
F = Feet
M = Meters

Select connector code based on type of adapter used at the patch panel and the electronic interface connector. Always use the lowest code first when constructing the part number.

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Jumper in a Box

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Single-Fiber Jumper in a Box
| Photo LAN8829

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Ordering Information

| | | | | |
|----------|-----------|----------|----------|----------|
| □ □ □ □ | - S R 2 - | □ □ □ | - □ □ □ | □ |
| 1 | 2 | 3 | 4 | 5 |

1 Select connector code.

Single-mode

- 0202 = LC UPC
- 2222 = LC APC
- 2244 = LC APC/SC APC
- 4444 = SC APC
- 5858 = SC UPC

2 Defines cable and fiber type.

- SR2 = Simplex R 1.6 mm, Single-mode (OS2)

3 Select quantity. Quantity per box is determined by length.

- B70 = 1-5 m or 1-16 ft
- B50 = 6-10 m or 17-35 ft
- B40 = 11-15 m or 36-52 ft
- B30 = 16-20 m or 53-66 ft

4 Select jumper length*.

- 01 - 20 meters
 - 01 - 65 feet
- *Maximum length is 20 m/65 ft

5 Select unit of measure.

- F = Feet
- M = Meters

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**Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm**

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