CORNING

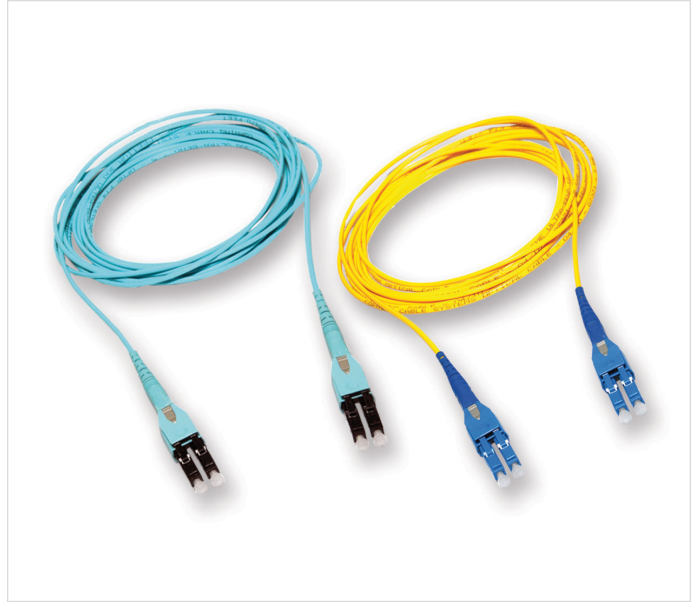# Two-Fiber Patch Cords

LC Duplex to LC Duplex Patch Cords | Photo CRR3409

Reverse Polarity Uniboots | Photo LAN2217-2218

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.

Features	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

Reverse Polarity Uniboot Duplex Patch Cords

Reverse Polarity Uniboot Duplex patch cords allow for the quick and easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibers or needing any tools. This patch cord comes with a straight-through polarity from the factory, but you can convert it to a flipped patch cord with no tools. This uniboot design allows one cable to carry both fibers, reducing patch cord bulk when routing.

Reverse Polarity Uniboot Duplex Patch Cords | Photo LAN2223

Specifications

LC Uniboot Patch Cord Specifications			
Connector	Connector Code	Max. Attentuation (dB)	Return Loss (dB)
MM LC Uniboot	79	0.5	≤ 26
SM LC Uniboot	78	0.5	≤ 55

Ordering Information

☐☐ ☐☐ **0 2** ☐ **D** ☐ **2 0** ☐☐☐ ☐

1   **2**   **3**   **4**   **5**   **6**

1 **Select connector one type.**
79 = Multimode LC Uniboot (OM3/OM4)
78 = Single-mode LC UPC Uniboot (OS2)

2 **Select connector two type.**
79 = Multimode LC Uniboot (OM3/OM4)
78 = Single-mode LC UPC Uniboot (OS2)

3 **Select fiber type.**
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
G = Single-mode Ultra (OS2)

4 **Select flame rating.**
1 = Riser
2 = Plenum

5 **Select length.**
001–250 (tip-to-tip)

6 **Select unit of measure.**
F = Feet
M = Meters

Duplex Patch Cords

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

Specifications

Two-Fiber Patch Cord Specifications				
Fiber Type	Connector	Connector Code	Max. Attentuation (dB)	Return Loss (dB)
Multimode	LC	05	0.4	≤ 26
	SC	57	0.4	≤ 26
	ST® compatible	50	0.4	≤ 26
Single-mode	LC	04	0.25	≤ 55
	SC	72	0.25	≤ 55
	ST compatible	61	0.25	≤ 55

Ordering Information

☐☐☐☐ **0 2** ☐ ☐☐☐☐ ☐☐☐ ☐
1   **2**   **3**   **4**   **5**

1 Select connector code.
00 = No connectors (use when ordering a pigtail)

Multimode
03 = LC simplex
05 = LC duplex
39 = SC simplex
50 = ST® compatible
57 = SC duplex
See Note 1.

Single-mode
02 = LC UPC simplex
04 = LC UPC duplex
22 = LC APC simplex
44 = SC APC simplex
58 = SC UPC simplex
61 = ST compatible UPC
72 = SC UPC duplex

2 Select connector two type.
79 = Multimode LC Uniboot (OM3/OM4)
78 = Single-mode LC UPC Uniboot (OS2)

3 Select cable type.
5120 = Riser 2.0 mm
5820 = Plenum 2.0 mm
5116 = Riser 1.6 mm
5816 = Plenum 1.6 mm
5112 = Riser 1.2 mm (SMF LBL only)

4 Select cable assembly length.
001–250 (tip-to-tip)

5 Select unit of measure.
F = Feet
M = Meters

Notes:
1) 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.

Jumper in a Box

Jumper in a box is an innovative packaging solution designed to fulfill your needs of organization, convenience, and efficiency. It includes a self-tracking inventory system and bold, color-coded part identification at a glance. Jumpers are available in a wide range of configurations (see below for full details).

Jumper in a Box | Photo REN9458

Features	Benefits
Bags that are connected with individual jumpers in an easy payout	Easy inventory management and inventory control
Easy to identify box labeling of jumper type/QR code	Quick visual identification makes it easy to find the correct jumper very quickly, type and length
Identifier that lets customer know it is time to reorder	Helps control inventory and reduces risk of running out of product
Reduced individual jumper packaging	Less waste and less time to unpackage
Sequential number of each jumper in the payout box	Helps control inventory

LC Duplex Reverse Polarity Uniboot | Jumper in a Box

Ordering Information

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1 **2** **3** **4** **5**

1 **Select connector code.**

Multimode
7979 = LC PC Uniboot

Single-mode
7878 = LC UPC Uniboot

2 **Select cable and fiber type.**
OM4 = DFX 250 R MM OM4
OM3 = DFX 250 R MM OM3
OS2 = DFX 250 R SM OS2, Corning®
       ClearCurve®

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

P = Plastic Box
P70 = 1–5 m or 1–16 ft
P50 = 6–10 m or 17–35 ft
P40 = 11–15 m or 36–52 ft
P30 = 16–20 m or 53–66 ft

R = Refill
R70 = 1–5 m or 1–16 ft
R50 = 6–10 m or 17–35 ft
R40 = 11–15 m or 36–52 ft
R30 = 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

Ordering Information

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1　　　**2**　　　**3**　　　**4** **5**

1 Select connector code.

Multimode Duplex
0505 = LC PC

Single-mode Duplex
0404 = LC UPC

2 Select cable and fiber type.
ZR4 = 2.0 mm Zipcord R MM OM4
ZR3 = 2.0 mm Zipcord R MM OM3
ZR2 = 2.0 mm Zipcord R SM OS2,
　　　　Corning® ClearCurve®
ZR1 = 2.0 mm Zipcord R MM OM1

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

P = Plastic Box
P70 = 1 m or 3 ft
P60 = 2 m or 4–7 ft
P50 = 3–5 m or 8–16 ft
P40 = 6–8 m or 17–26 ft
P30 = 9–10 m or 27–33 ft

R = Refill
R70 = 1 m or 3 ft
R60 = 2 m or 4–7 ft
R50 = 3–5 m or 8–16 ft
R40 = 6–8 m or 17–26 ft
R30 = 9–10 m or 27–33 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

SC Duplex | Jumper in a Box

Ordering Information

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1　　　**2**　　**3**　**4** **5**

1 **Select connector code.**

Multimode Duplex
5757 = SC PC

Single-mode Duplex
7272 = SC UPC

2 **Select cable and fiber type.**
ZR4 = 2.0 mm Zipcord R MM OM4
ZR3 = 2.0 mm Zipcord R MM OM3
ZR2 = 2.0 mm Zipcord R SM OS2,
　　　Corning® ClearCurve®
ZR1 = 2.0 mm Zipcord R MM OM1

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

P = Plastic Box
P60 = 1–2 m or 1–7 ft
P50 = 3–4 m or 8–13 ft
P40 = 5–6 m or 14–20 ft
P35 = 7–8 m or 21–26 ft
P30 = 9–10 m or 27–33 ft

R = Refill
R60 = 1–2 m or 1–7 ft
R50 = 3–4 m or 8–13 ft
R40 = 5–6 m or 14–20 ft
R35 = 7–8 m or 21–26 ft
R30 = 9–10 m or 27–33 ft

4 **Select jumper length*.**
01–10 meters
01–33 feet

Maximum length is 10 m/33 ft

5 **Select unit of measure.**
F = Feet
M = Meters

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