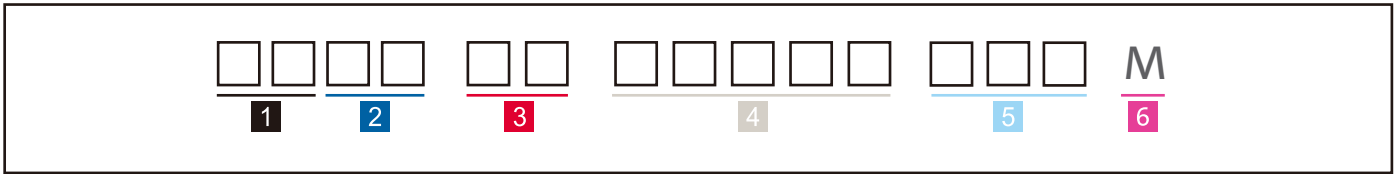


Cable assemblies are an essential component for any network infrastructure projects you may have. As the industry's leading supplier of fibre, our pre-terminated assemblies use only high-quality Corning optical fibres and components to ensure the performance of our Professional Patch Cords and Pigtails complies with the optical and mechanical requirements of the industry. Manufactured on European production lines these cable assemblies are available in 1- and 2-fibre combinations.

Ordering Information

Corning Professional Patch Cords and Pigtails can be ordered in 5 easy steps. The steps involve the selection of connector(s), fibre count, fibre type, cable type, and length. The steps are listed below.



1 Select first connector code.

See Table A

2 Select second connector code.

See Table A

3 Select fibre count.

- 01 Simplex
- 02 Duplex

4 Select cable code based on desired construction.

See Table B

5 Select cable assembly length.

001-100

See Note 3

6 Defines unit of measure.

M = Metres

Notes:

1) Select connector code based on the type of adapter used at the patch panel and the electronic interface connector.

A) Always use the lowest code first when constructing the part number.

B) Pigtails begin with "00".

Examples:

005801G3Z16001.5M

224401J2Z31004M

2) Pigtails 900 µm are also available in kits of 12 pieces with the following fibre and buffer colours:

Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise

Part number scheme to be used:

KIT12- (1) (2) (3) (4) AA (5) (6)

Example: KIT12-0002014Z31AA002M

3) For lengths greater than 100 m please contact a Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com

4) To include half-metre steps, add .5 m (example 585801J2Z31002.5M)

Table A: Connector Types and Specifications

Single-Mode Connectors							
Type	Connector Polish	Code	Maximum Insertion Loss (dB)	Maximum Reflectance (dB)	Ferrule	Housing	Connector Length (mm)
Pigtail	-	00	-	-	-	-	-
LC Types							
LC Simplex	APC	22	≤ 0.25	≤ -60	Ceramic	Composite	50
	UPC	02	≤ 0.25	≤ -45	Ceramic	Composite	50
LC Duplex	APC	18	≤ 0.25	≤ -60	Ceramic	Composite	50
	UPC	04	≤ 0.25	≤ -45	Ceramic	Composite	50
SC Types							
SC Simplex	APC	44	≤ 0.25	≤ -60	Ceramic	Composite	57
	UPC	58	≤ 0.25	≤ -45	Ceramic	Composite	57
SC Duplex	APC	66	≤ 0.25	≤ -60	Ceramic	Composite	57
	UPC	72	≤ 0.25	≤ -45	Ceramic	Composite	57
Other Types							
FC	APC	21	≤ 0.25	≤ -60	Ceramic	Composite	41.1
	UPC	54	≤ 0.25	≤ -45	Ceramic	Composite	41.1
ST*	UPC	83	≤ 0.25	≤ -45	Ceramic	Composite	60
LSA/DIN	APC	29	≤ 0.25	≤ -60	Ceramic	Composite	57
	UPC	28	≤ 0.25	≤ -45	Ceramic	Composite	57
E-2000*	APC	19	≤ 0.25	≤ -60	Ceramic	Composite	64.2
	UPC	20	≤ 0.25	≤ -45	Ceramic	Composite	64.2
Multimode Connectors							
Type	Connector Polish	Code	Maximum Insertion Loss (dB)	Maximum Reflectance (dB)	Ferrule	Housing	Connector Length (mm)
Pigtail	-	00	-	-	-	-	-
LC Types							
LC Simplex	UPC	03	≤ 0.50	≤ -40	Ceramic	Composite	50
LC Duplex	UPC	05	≤ 0.50	≤ -40	Ceramic	Composite	50
SC Types							
SC Simplex	UPC	39	≤ 0.50	≤ -40	Ceramic	Composite	57
SC Duplex	UPC	57	≤ 0.50	≤ -40	Ceramic	Composite	57
Other Types							
FC	UPC	17	≤ 0.50	≤ -40	Ceramic	Composite	41.1
ST	UPC	74	≤ 0.50	≤ -40	Ceramic	Composite	60
E-2000	UPC	95	≤ 0.50	≤ -40	Ceramic	Composite	64.2

Connector designs comply with IEC 61754-2 (ST), IEC 61754-3 (LSA), IEC 61754-4 (SC), IEC 61754-13 (FC), IEC 61754-15 (LSH), IEC 61754-20 (LC)

Durability according to FOTP-21: < 0.2 dB change. Matings: 1000 for SC; 500 for LC connectors

Tensile strength according to IEC 61300-2-4:|5 N for 900 µm pigtails; 70 N for patch cords up to 2.8 mm

Table B: Cable Diameters and Fibre Types

Core Diameter	62.5 µm	50 µm	50 µm	50 µm	50 µm	9 µm	9 µm	9 µm	9 µm
Fibre Name	InfiniCor® 300	Corning® ClearCurve®	ClearCurve	ClearCurve	ClearCurve	Corning® SMF-28® Ultra	ClearCurve LBL	ClearCurve LBL	ClearCurve ZBL
Fibre Type/Class	OM1	OM3	OM4	OM4	OM5	G.657.A1	G.657.A2	G.657.A2	G.657.B3
Fibre Code	K	T	Q	Q	V	G	J	J	U
900 µm Buffered Fibre									
0.9 mm TB Easy Strip (150 cm)	K4Z41	T4Z80	Q4Z80	Q4Z80-VI	V4Z80	G4Z31	J4Z31	J4Z31-YE	U4Z31
0.9 mm TB3 Short Strip (15 cm)	K4Z43***	T4Z83	Q4Z83	Q4Z83-VI	V4Z83	G4Z33	J4Z33	J4Z33-YE	U4Z33
Cable Jacket Colour	Orange	Aqua	Aqua	Violet*	Lime Green	Yellow	White	Yellow**	White
1-Fibre Simplex LSZH®/FRNC Cable									
1.6 mm	–	–	–	–	–	G3Z16	J3Z16	J3Z16-YE	U3Z16
1.8 mm	–	–	–	–	–	G2Z18	J2Z18	J2Z18-YE	U2Z18
2.0 mm	K2Z41	T2Z80	Q2Z80	Q2Z80-VI	V2Z80	G2Z31	J2Z31	J2Z31-YE	U2Z31
2.4 mm	–	–	–	–	–	GFB30	JFB30	JFB30-YE	UFB30
2.8 mm	–	–	–	–	–	G3Z31	J3Z31	J3Z31-YE	U3Z31
Cable Jacket Colour	Orange	Aqua	Aqua	Violet*	Lime Green	Yellow	White	Yellow**	White
2-Fibre Duplex LSZH®/FRNC Cable									
Breakout 2.0 mm	K6Z20***	T6Z20	Q6Z20	Q6Z20-VI	V6Z20	G6Z20	J6Z20	J6Z20-YE	U6Z20***
Breakout 2.8 mm	K6Z41***	T6Z80	Q6Z80	Q6Z80-VI	V6Z80	G6Z31	J6Z31	J6Z31-YE	U6Z31***
Zipcord 1.8 mm	K5Z18***	T5Z18	Q5Z18	Q5Z18-VI	V5Z18	G5Z18	J5Z18	J5Z18-YE	U5Z18***
Zipcord 2.0 mm	K5Z20	T5Z20	Q5Z20	Q5Z20-VI	V5Z20	G5Z20	J5Z20	J5Z20-YE	U5Z20***
Zipcord 2.8 mm	K5Z41	T5Z80	Q5Z80	Q5Z80-VI	V5Z80	G5Z31	J5Z31	J5Z31-YE	U5Z31***
Cable Jacket Colour	Orange	Aqua	Aqua	Violet*	Lime Green	Yellow	White	Yellow**	White

* Heather Violet jacket colour for OM4 is available by adding “-VI” to the end of the part number (example: 050502Q5Z20001M-VI)

** Yellow jacket colour for LBL is available by adding “-YE” to the end of the part number (example: 444401J3Z310001M-YE)

*** Cable/fibre type requires minimum order quantity, please Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Connectorised Cable Characteristics

Characteristic	Cable Diameter		
	900 µm	1.6 – 2.0 mm	2.4 – 2.8 mm
Operating Temperature	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
Bend Radius (Single-Mode)	15 mm	10 mm	15 mm
Bend Radius (Multimode)	15 mm	10 mm	15 mm
Crush Resistance	N/A	500-1000 N/10 cm	1000 N/10 cm

The cable jacket of our professional patch cords and pigtailed is REACH, RoHS, and LSZH compliant.



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