

## Bend Tolerant and Low Loss Fiber Optic Cable Assemblies

### Applications

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- FTTx
- Fibre Channel Storage
- Telecommunications
- Data Centers
- Industrial Control Applications

### Key Features & Benefits

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- Assemblies can be seamlessly connected to legacy fiber networks without degrading network performance
- Conforms with current fiber standards, for guaranteed compatibility with existing multimode and single-mode fibers
- Meets or exceeds industry standards for return loss and reflectance
- Factory terminated for superior performance
- 100% optically tested

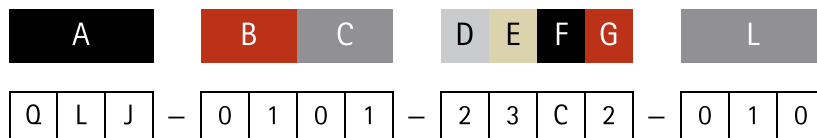
Quiktron's Bend Tolerant & Low Loss Fiber Optic Cable Assemblies are designed specifically to improve the overall performance of fiber networks by significantly reducing system attenuation, which commonly causes system unreliability and downtime. Bend Tolerant & Low Loss Fiber Optic Cable Assemblies experience minimal signal loss with bends as small as 7.5mm, and comes with a lifetime warranty against defects of materials and workmanship.

Configuration						Specifications						
Series	Cable Configuration	Cable Diameter	Low Loss	Bend Tolerant	Premium Bend Tolerant	Connector Types	Maximum Insertion Loss	Polish	Reflectance	Cable Bend Radius	Color (Indoor)	Options
Q-Series	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	30mm	Yellow	Indoor/Outdoor
Q-Series	SPX	2mm	x	x		LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	10mm	Blue	Indoor/Outdoor
Q-Series	SPX	2mm	x		x	LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor
Q-Series	SPX	2mm		x		LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	10mm	Blue	Indoor/Outdoor
Q-Series	SPX	2mm			x	LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor
Corning	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	30mm	Yellow	Indoor/Outdoor
Corning	SPX	2mm	x	x		LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	10mm	Blue	Indoor/Outdoor
Corning	SPX	2mm	x		x	LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor
Corning	SPX	2mm		x		LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	10mm	Blue	Indoor/Outdoor
Corning	SPX	2mm			x	LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor
Q-Series	SPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	30mm	Yellow	Indoor/Outdoor
Q-Series	SPX	3mm	x	x		LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	10mm	Blue	Indoor/Outdoor
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Corning	SPX	3mm			x	LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor
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Q-Series	DPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	UPC or (APC)	-55dB (-65APC)	30mm	Yellow	Indoor/Outdoor
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Corning	DPX	3mm			x	LC, LCU, SC, ST, FC	0.50dB	UPC or (APC)	-55dB (-65APC)	7.5mm	Yellow	Indoor/Outdoor

Single-mode

Configuration						Specifications							
Series	Cable Configuration	Cable Diameter	Low Loss	Bend Tolerant	Premium Bend Tolerant	Connector Types	Maximum Insertion Loss	Polish	Reflectance	Cable Bend Radius	Color (Indoor)	Options	
10G 50µm MM	Q-Series	SPX	2mm	x	x		LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Q-Series	SPX	2mm		x		LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Corning	SPX	2mm	x		x	LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Corning	SPX	2mm			x	LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Q-Series	SPX	3mm	x	x		LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Q-Series	SPX	3mm		x		LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Corning	SPX	3mm	x		x	LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Corning	SPX	3mm			x	LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Q-Series	DPX	2mm	x	x		LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Q-Series	DPX	2mm		x		LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Corning	DPX	2mm	x		x	LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Corning	DPX	2mm			x	LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Q-Series	DPX	3mm	x	x		LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Q-Series	DPX	3mm		x		LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	7.5mm	Aqua	2mm DFX
	Corning	DPX	3mm	x		x	LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
	Corning	DPX	3mm			x	LC, LCU, SC, ST, FC	0.50dB	PC	-25dB	<7.5mm	Aqua	2mm DFX
62.5µm MM	Q-Series	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Q-Series	SPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	SPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	DPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Q-Series	DPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	DPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
50µm MM	Q-Series	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	SPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Q-Series	SPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	SPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Q-Series	DPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Corning	DPX	2mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
	Q-Series	DPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange	
Corning	DPX	3mm	x			LC, LCU, SC, ST, FC	0.15dB	PC	-25dB	25mm	Orange		

## Part Number Generator



**Example:** QLJ-0101-23C2-010 - 10 ft Q Series Low Loss Fiber Jumper LC, LC, 2.0 mm diameter 10 Gig 300m OM3, Riser Duplex, Aqua

### A

#### 3 Digit Series:

CLJ	Corning Series Low Loss Fiber Jumper
QLJ	Q Series Low Loss Fiber Jumper

### B

#### Connector:

00	Blunt
01	LC
02	SC
03	ST
04	FC
05	ALC
06	ASC
07	AST
08	AFC

### C

#### Connector:

00	Blunt
01	LC
02	SC
03	ST
04	FC
05	ALC
06	ASC
07	AST
08	AFC

### D

#### Cable Diameter:

1	1.6 mm
2	2.0 mm
3	3.0 mm
9	900 µm

### E

#### Fiber Type:

1	62.5 µm OM1
2	50 µm OM2
3	10 Gig 300m OM3
4	SMF-28e
5	Ultra-Bend 300m
6	SM G.657.A
7	SM G.657.A/B

### F

#### Cable Color:

1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	A	Violet
5	Slate	B	Rose
6	White	C	Aqua

### G

#### Cable Type:

1	Riser Simplex
2	Riser Duplex
S	Plenum Simplex
D	Plenum Duplex
M	MTRJ 4 Fiber Ribbon
A	Riser Duplex DFX 2F
B	Plenum Duplex DFX 2F
R	Indoor/Outdoor Ruggedized

### L

#### Length in Feet:

\* Not all configurations are available. Please contact Quiktron for specific information regarding availability

