

# Opticonx Xtreme™ Fiber Optic Patch Cords



## Xtreme™ Fiber Optic Patch Cords and Jumper Cables

Opticonx, Inc. manufactures a full line of singlemode and multi mode simplex, duplex, and multifiber cable assemblies. Assemblies feature bend insensitive OS2 singlemode and OM1, OM2, OM3, OM4 and OM5 multi mode fiber. All standard connector types are available, including: ST, SC, LC, FC, MTRJ in both UPC and APC versions. Custom lengths, fiber types, jacket colors, connector types, breakouts and labeling are available.

Opticonx manufactures our Xtreme™ cable assemblies in the U.S.A., using only top quality components, equipment, and processes resulting in product that meets or exceeds even the most demanding specifications. Our standard 15 year limited warranty ensures years of worry free service.

## Superior Quality, Long Term Reliability

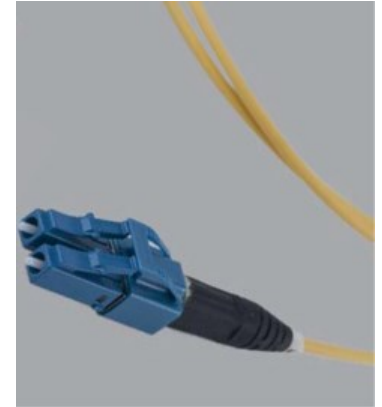
Achieving the best performance in pre-terminated fiber assemblies means quality every step of the way:

- ◆ Termination procedures that ensure proper fiber preparation, epoxy handling and application, and connector crimp
- ◆ Refined polish procedures that yield repeatable results in insertion loss, return loss, and end-face geometry
- ◆ Interferometer test for end face geometry control
- ◆ Test 100 percent of assemblies for insertion loss and return loss

## Xtreme™ Patch Cords & Jumpers

### Features:

- ◆ Compact 2.0 or 3.0mm OD Jacket
- ◆ OFNP-rated Jacket
- ◆ High-quality connectors
- ◆ Robust, flexible construction
- ◆ 100% testing



### Ordering Information:

- ◆ All assemblies made with Bend Insensitive Fiber (BIF)

Fiber Type	Fiber Count	Connector 1	Connector 2	Polish	Length	U/M	Cable O.D.	Polarity
5=OM2	1=Simplex	1=ST	1=ST	U=UPC	XXX	Blank=Mt	Usually blank	A=straight
51=OM3	2=Duplex	2=SC	2=SC	Blank=		(standard)		B=crossed
55=OM4		3=FC	3=FC	Angled		F=FT	Only use id	(standard)
6=OM1		12=MTRJ	12=MTRJ				non-std	
9=OS2		14=LC	14=LC				(i.e. 3MM for LC)	
		2A=SC/APC	2A=SC/APC				ST, SC, FC have 3mm	
		14A=LC/APC	14A=LC/APC				LC, any end have 2mm	

### Examples:

9222U02— OS2 Singlmode, Duplex, SC to SC, UPC, 2 Meter, 3mm OD, Crossed

921414U03-3MM — OS2 Singlemode, Duplex, LC to LC, UPC, 3 Meter, 3mm OD, Crossed

9114A2A05FA — OS2 Singlemode, Simplex, LC/APC to SC/APC, Angled polish, 5Ft, 2mm OD, Straight

512141401 — OM3 Multi mode, Duplex, LC to LC, 1 Meter, 2mm OD, Crossed

**Note: Custom lengths, fiber types, jacket colors, connector types, breakouts and labeling are available.**

## Xtreme™ LC Uniboot Patch Cords

### Features:

- ◆ Compact 2.0mm OD Round Jacket
- ◆ OFNP-rated Jacket
- ◆ High-quality LC Uniboot connectors
- ◆ Easily switch polarity (A/B, A/A) without tools or damage to fiber
- ◆ Robust, flexible construction
- ◆ 100% testing



### Ordering Information:

- ◆ All assemblies made with Bend Insensitive Fiber (BIF)

Style	Fiber Type	Connector	IL Performance	U/M	Length
P3XJ	CB = OM3 DB = OM4 HB = OM5 BA = OS2	14 = Multimode 15 = Singlemode	L=Standard ≤ 0.50dB  X=Elite ≤ 0.35dB	M = Mt F = Ft	XXX

**Example:** P3XJDB1414LM10

OM4 Multi mode, LC Uniboot to LC Uniboot, Low loss, 10 meters



# Opticonx Xtreme™ Fiber Optic Patch Cords

*Don't see what you're looking for?*

## Custom Assemblies

Bring us your requirements and we will work with you to customize a solution. From color coding jackets to nonstandard cable or connector types to custom wiring and labeling, Opticonx has the equipment, knowledge, and experience to meet even the most demanding applications.

## Packaging

Every Opticonx manufactured cable assembly is 100 percent optically inspected and tested for insertion loss and return loss. These results are available in digital format upon request. If required, interferometer results can also be included (must be specified before ordering). Each assembly is individually bagged with part number, description, and use and care instructions.

## Standards Compliance:

### Technical:

- ◆ ANSI/TIA/EIA—492X, 568.X
- ◆ Telcordia—G.657.X / G.652.X
- ◆ NEC— OFNR, OFNP
- ◆ UL

### Environmental:



### Governmental:



In strict adherence of the Trade Agreement Act (19 U.S.C. & 2501-2581) and the Buy American Act (4 U.S.C. & 10a-10d), Opticonx Xtreme™ fiber cable assemblies are manufactured in the United States of America.