Xtreme[TM] Fiber Optic Patch Cord Assemblies

Opticonx Technologies 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[TM] 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 Xtreme[TM] cable assemblies come with a standard 15 year limited warranty ensures years of worry free service.

 Our Xtreme[TM] fiber optic assemblies are manufactured in the U.S.A, meeting the new requirements for the NTIA Broadband, Equity, Access & Deployment (BEAD), a federal grant program created in 2021 and the Build America, Buy America (BABA), Act, created in 2021 as part of the Bipartisan Infrastructure Law.
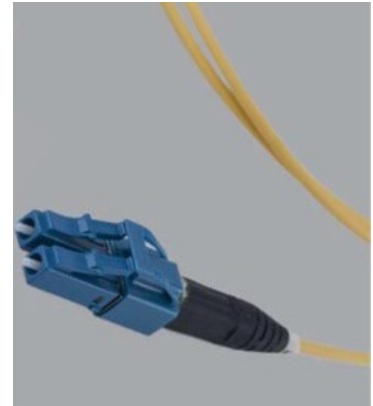
 Moreover, for decades our Xtreme[TM] fiber optic assemblies have been manufactured in the U.S.A. in strict adherence of the Trade Agreement Act (19 U.S.C. & 2501-2581) and the Buy American Act (4 U.S.C. & 10a-10d).

Xtreme™ Patch Cords & Jumpers

Jumper cables are typically used to make the final connection from patch panels to transceivers or equipment ports, or they are used in cross connect applications as a means of connecting two independent backbones or other links.

Features:

♦ Compact 2.0 3.0mm OD Jacket

♦ UL OFNP-rated Jacket

♦ High-quality, MTP® Connectors

♦ Robust, flexible construction

♦ 100% testing

Ordering Information:

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

Examples:

9222U02— OS2 Singlemode, 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^{TM} LC Uniboot Patch Cords

Uniboot Patch cords are made with 2-fiber round cables which offer a secure way to terminate today's high density uniboot style connectors. The 2-fiber round cable provides for easier installation and routing of the cords in racks and patch panels compared to traditional duplex zip cord. This improves cable access , reduces MAC work time, Increases air flow around equipment and reduces required space in cable management trays and data cabinets.

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:

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: P3XJBA1414LM10

Bend insensitive, OS2 Singlemode, LC Uniboot to LC Uniboot, Low loss, 10 me-

Xtreme™ Fiber Optic Patch Cord Assemblies

Optical Performance:

Connector:	OM3/4/5	OS2
	Max. Insertion Loss (IL)	
Standard MTP®	≤ 0.50dB	≤ 1.0dB
Elite MTP®	≤ 0.35dB	≤ 0.60dB
	Max. Attenuation	
1310nm	1.0dB/Km	0.4dB/Km
1550nm	N/A	0.3dB/Km

Testing / 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.

Environmental:

RoHS COMPLIANT

REACH COMPLIANCE

Technical:

♦ ANSI/TIA/EIA — 492X, 568.X

♦ ITU-T — G.657.X / G.652.X

♦ NEC— OFNR, OFNP

Government:

TAA COMPLIANT

BAA BUY AMERICAN ACT COMPLIANT

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 products are manufactured in the U.S.A.

BroadbandUSA

Opticonx Xtreme™ fiber optic products are manufactured in the U.S.A, meeting the new requirements for the Broadband, Equity, Access & Deployment (BEAD), and the Build America, Buy America (BABA), Act