

[HOME](#)

You are here: [Home](#) \ [Products](#) \ [Optical Fibers & Accessories](#)

Optical Fibers & Accessories

We stock a rich variety of fiber optic equipment. When choosing any type of fiber optic product, it is imperative to know the connector type (LC, SC, ST...), fiber mode (multi-/single mode), fiber count (simplex/duplex), and length. If you are unsure about these options, we are here to help you pick the best fiber for your application.

Optical Transceivers



SFF Duplex Transceiver

We stock high quality optical transceivers from only the best manufacturers. Our optical engineers will be glad to help you pick the correct model for your applications.

- Single mode or multimode in LC or SC interface
- Duplex or bi-directional
- CWDM compatible
- Small Form Pluggable (SFP) and Small Form Factor (SFF)
- 2.125G to 4.25G

Fibers & Accessories



MDR-SDR Converter

MDR-SDR Converter

Compact 26-pin mini-Camera Link SDR plug to standard Camera Link MDR receptacle with precision 3D printed shells in up and down angles.



[Specifications](#)



LC to LC Duplex Fiber Adapter

Fiber Adapter

Fiber adapters are an easy way to connect two fiber optic cables. The image shown here is for an LC duplex multimode cable. Contact us for SC, ST, FC, single mode, and simplex type, plastic or zinc adapters at info@phrontier-tech.com.

[Optical Fiber Cables - Single Mode Duplex](#)



LC/LC Single Mode Duplex

Product Number: LC-LC-S-D-xxxM

LC to LC single mode duplex fiber cable, 9/125 μm, 2.0 mm jacket, riser grade.

Product Number	Length
LC-LC-S-D-10M	10 meters
LC-LC-S-D-30M	30 meters
LC-LC-S-D-35M	35 meters
LC-LC-S-D-100M	100 meters
LC-LC-S-D-200M	200 meters



LC/LC Duplex Fiber Cable Multimode

Optical Fiber Cables - Multimode LC/LC Duplex

Product Number: LC-LC-M-D-xxxM

LC to LC duplex, multimode, 50/125 μm, 2.0 mm jacket, riser grade. Custom lengths available up to 250 meters.

Product Number	Length
LC-LC-M-D-10M	10 meters
LC-LC-M-D-15M	15 meters
LC-LC-M-D-25M	25 meters
LC-LC-M-D-30M	30 meters
LC-LC-M-D-50M	50 meters
LC-LC-M-D-100M	100 meters




Ruggedized Fiber Cable

Ruggedized Optical Fiber Cables

Product Number: LC-LC-M-R3-xxxx (Multimode)/ LC-LC-S-R3-xxxx (Single mode)

LC to LC connectors, 3.0 mm jacket, ruggedized connectors, riser grade. Please contact us (1-949-305-6622) for custom solutions like SC connectors, single mode, military tactic, breakout and custom lengths.

Product Number	Description
LC-LC-M-R3-100D	100 meters, multimode duplex
LC-LC-M-03-100S	100 meters, multimode simplex
LC-LC-S-R3-100D	100 meters, single mode duplex
LC-LC-S-03-100S	100 meters, single mode simplex

 [Specifications](#)

Optical Fiber Cables - Multimode Simplex

Product Number:

LC-LC-M-S-xxxx (LC/LC)

SC-SC-M-S-xxxx (SC/SC)

LC-SC-M-S-xxxx (LC/SC)

Multimode simplex fiber cable, 62.5/125 μm, 2.0 mm jacket, standard connectors, riser grade. Rugged



LC/LC Simplex Multimode

version available.

Product Number	Description
LC-LC-M-S-10M	LC/LC connectors, 10 meters
LC-LC-M-S-15M	LC/LC connectors, 15 meters
LC-LC-M-S-30M	LC/LC connectors, 30 meters
LC-LC-M-S-50M	LC/LC connectors, 50 meters
SC-SC-M-S-10M	SC/SC connectors, OM2, 10 meters
SC-SC-M-S-30M	SC/SC connectors, OM2, 30 meters
LC-SC-M-S-1M	LC/SC connectors, 1 meter

Optical Fiber Cables – Single Mode Simplex

Product Number:

LC-LC-S-S-xxxx (LC/LC connectors)

SC-SC-S-S-xxxx (SC/SC connectors)

LC-SC-S-S-xxxx (LC/SC connectors)

Single Mode simplex fiber cable, 9/125 μm, 2.0 mm jacket, standard connector, riser grade. Rugged version available.



SC/SC Simplex Single Mode

Product Number	Description
LC-LC-S-S-10M	LC/LC connectors, 10 meters
LC-LC-S-S-20M	LC/LC connectors, 20 meters
LC-LC-S-S-30M	LC/LC connectors, 30 meters
LC-LC-S-S-50M	LC/LC connectors, 50 meters
SC-SC-S-S-10M	SC/SC connectors, 10 meters
LC-SC-S-S-3M	LC/SC connectors, 3 meters

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