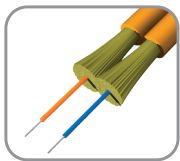




FIBER OPTIC CABLE

Premise | High Density | Harsh Environment | Loose Tube

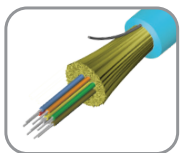
PREMISE CABLE



Simplex, Zipcord and Dual-Link Cable

Offering the broadest selection of cordage including plenum, riser and LSZH in all standard diameters. LSZH jacketed cables are OFNR listed.

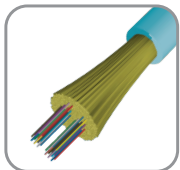
STOCK ITEM



Distribution Cable

Used in applications requiring fiber counts between 4 and 144 fibers. Buffered to 900 μm , these cables can be directly terminated to connectors in loaded panels or in communications closets.

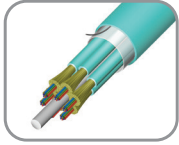
STOCK ITEM



Interconnect Premise MicroCore® Cable available with SpiderWeb Ribbon® (SWR®) Technology

Interconnect Premise MicroCore cables are designed for MTP terminations and meet the interconnect standards of Telcordia GR-409. To minimize the cable's diameter, multiple colored 250 μm fibers and aramid strands are packaged in a high performance PVC jacket. Fiber counts from 8 to 144 fibers are available. SWR fiber counts from 12 to 144 fibers are available. Both simplex and zipcord designs are available.

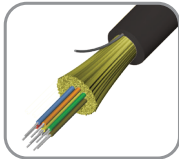
PREMISE CABLE



Sub-unitized Premise MicroCore® Cable

The sub-units consist of 12 and 24 colored bare fibers, ideal for MTP connectorization. Available in 12-288 fiber counts. Some designs are available with SWR® technology.

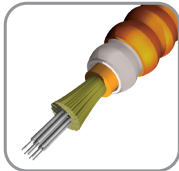
STOCK ITEM



Indoor/Outdoor Tight Buffered Cable

Specified for campus network cabling between buildings where interbuilding lengths are short enough that the installer can recognize savings from the lower costs of terminating tight buffered cables. MSHA approved. Riser (2-72F), Plenum (2-72F)

STOCK ITEM



Armored Cabling

Armored cabling can be added to most of AFL's Premise Cables. Interlocking Armor options are available in almost any size. Riser, Plenum and LSZH jacketed armor can be ordered in a variety of colors. Plenum and Riser versions meet the requirements of NEC 770. *Indoor/Outdoor grades are also available.

STOCK ITEM



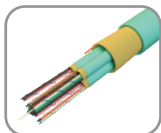
HIGH DENSITY CABLE



Sub-Unitized MicroCore® 2.0 Cable

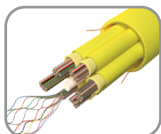
Constructed of the highest quality materials and to exacting industry standards, these small-diameter cables provide the solution sought by today's structured cabling professionals. Each sub-cable is independently qualified and is suitable for individual routing paths within the rack/panel architecture of the data center. 24-216 fiber counts.

STOCK ITEM



Sub-unitized Premise MicroCore® 3.0 Cable

Sub-Unitized Premise MicroCore 3.0 fiber optic cables are another astounding evolution of high performance premise cabling. Enabling even greater pathway density than our 2.0 version, the 3.0 revolutionizes cable deployment and allows the end user to realize savings in space, routing infrastructures and fiber management. 24-288 fiber counts.



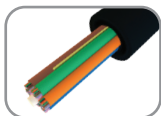
Ultra HD MicroCore®

Ultra HD MicroCore is part of AFL's sub-unitized MicroCore cable family that uses SpiderWeb Ribbon® (SWR®) technology. Designed to support high fiber density deployments in data center and central office installation environments, the ultra HD sub-unit designs optimize splicing efficiency when interconnected with AFL's Wrapping Tube Cable.



LM-Series OSP MicroCore® Cable

Designed for outside plant installation in microduct conduit systems, the multi-fiber-set is constructed of a gel-filled buffer tube which contains multiple 12-fiber sets of color-coded fibers. The low-friction, high-strength overall jacketing system protects the cable-core while providing an optimized cable package supporting high-speed, long-distance jetting performance. Available with up to 432 fibers and can be blown into microducts ranging in inside diameters from 10 mm to 16 mm.



LMHD-Series OSP MicroCore® Cable

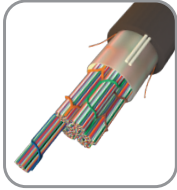
These cables can be jetted or pulled into standard HDPE ducts and, because of their small diameters, can be jetted into popular bundled micro-duct pathways. When the application requires a transition from underground to aerial, the LMHD-Series cables can be lashed to aerial messenger wires using standard OSP cable lashing equipment and techniques.

HIGH DENSITY CABLE



LM200-Series OSP MicroCore® Cable

The product design integrates the latest technology, 200 μm buffered single-mode fiber which allows for reduced diameter cables compared to traditional OSP micro-cables. The LM200-Series is the right choice for use in bundled micro-duct pathways allowing for future, incremental cable additions as network circuits and bandwidth requirements increase.



Wrapping Tube Cable (WTC) with SpiderWeb Ribbon® (SWR®) Cable

Ultra-high density outside plant cable designed specifically for fiber-to-the-home (FTTH) or access markets. With an ultra-high density and a new ribbon technology called SpiderWeb Ribbon, WTC provides the smallest cable diameter and lowest weight, high-fiber count ribbon cable in the industry. WTC with SWR cables are available in fiber counts from 144 to 6,912.

LM200 **ACTUAL SIZE**

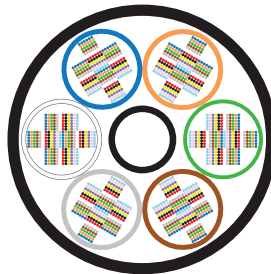


Typical 432 Fiber
OSP Cable Construction

0.378"

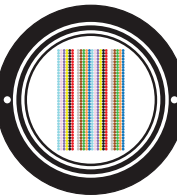
LM200 **432** Fiber
Construction

Wrapping Tube Cable (WTC) with SWR® **ACTUAL SIZE**



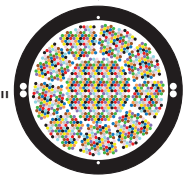
Typical 1728 Fiber
RILT Construction

0.98"



Typical 864 Fiber
CLT Construction

0.870"



WTC **1728** Fiber
Construction

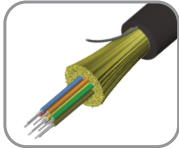
HARSH ENVIRONMENT CABLE



Tactical Tight Buffered Cable

Ideal for use in installations where extreme environmental conditions are present. Designed to be deployed and retrieved in the field, AFL's Tactical Tight Buffered Cables are highly resistant to damage caused by repeated impacts or harsh conditions.

STOCK ITEM



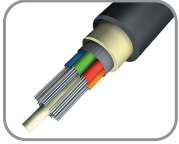
Indoor/Outdoor Riser Tight Buffered Cable

For indoor applications, the cable is OFNR listed. For outdoor applications, the cable is manufactured with an outer jacket that incorporates a UV stabilizer for protection against exposure to the sun plus an anti-fungus protection for use in underground applications. MSHA approved.

STOCK ITEM

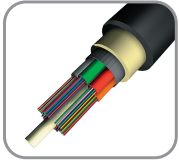


LOOSE TUBE



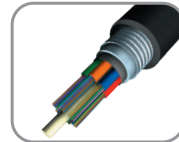
Non-Armored Loose Tube Cable

These stranded loose tube cables provide a solid backbone in fiber counts up to 432. Available in single or double jacket, dry tube or gel-filled options.



Indoor/Outdoor Loose Tube Cable

Combines the robust mechanical and environmental characteristics of an outside plant cable with the flexibility of an inside plant riser cable. Available in dry tube and gel-filled options.



LE-Series Single Jacket Single Armor Cable

The LE-Series cable is a gel-free single jacket, single armor fiber optic cable. It incorporates dry water-absorption technology within the fiber-containing buffer tubes along with the protection of steel corrugated armor.



AFL stocks many of our most popular cables for your convenience.

Please contact us at 800-AFL-FIBER or AFLPremiseStock@AFLglobal.com for more details.

[Loose Tube Inventory](#)



AFL



www.AFLglobal.com or (800) 235-3423

LC-01014 Rev. 10 11.14.2023

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FIBER OPTIC CABLE

Premise | High Density | Harsh Environment | Loose Tube