



## FIBER OPTIC CABLE

Premise | High Density | Harsh Environment | Loose Tube

# PREMISE CABLE



## Simplex, Zipcord and Dual-Link Cable

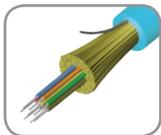
Offering the broadest selection of cordage including plenum, riser and LSZH in all standard diameters. LSZH jacketed cables are OFNR listed.

**STOCK ITEM**



## Furcation Tubing

Multiple inner tube options allows for smooth and easy fiber insertion while maintaining the integrity required for robust connectorization. Available in simplex and zipcord configurations.



## Distribution Cable

Used in applications requiring fiber counts between 4 and 144 fibers. Buffered to 900  $\mu\text{m}$ , these cables can be directly terminated to connectors in loaded panels or in communications closets.

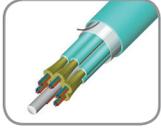
**STOCK ITEM**



## 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  $\mu\text{m}$  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.

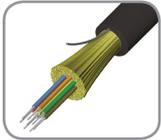
# PREMISE CABLE



## Sub-unitized Premise MicroCore® Cable

The sub-units consist of 12 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 (2-72 F), Plenum (2-72 F)

**STOCK ITEM**



## Breakout Cable

Combines multiple fiber flexibility with the strength of individually jacketed fibers. These cables can be terminated for fanout assemblies. MSHA approved. Indoor/outdoor qualified designs are also available.



## Armored Cabling

Armored cabling can be added to any 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

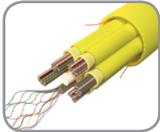
Constructed of the highest quality materials and to exacting industry standards, these small-diameter cables provide the solution sought by today's structured cabling professionals. Each sub-cable is independently qualified and is suitable for individual routing paths within the rack/panel architecture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



## 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.



## 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.

# HIGH DENSITY CABLE



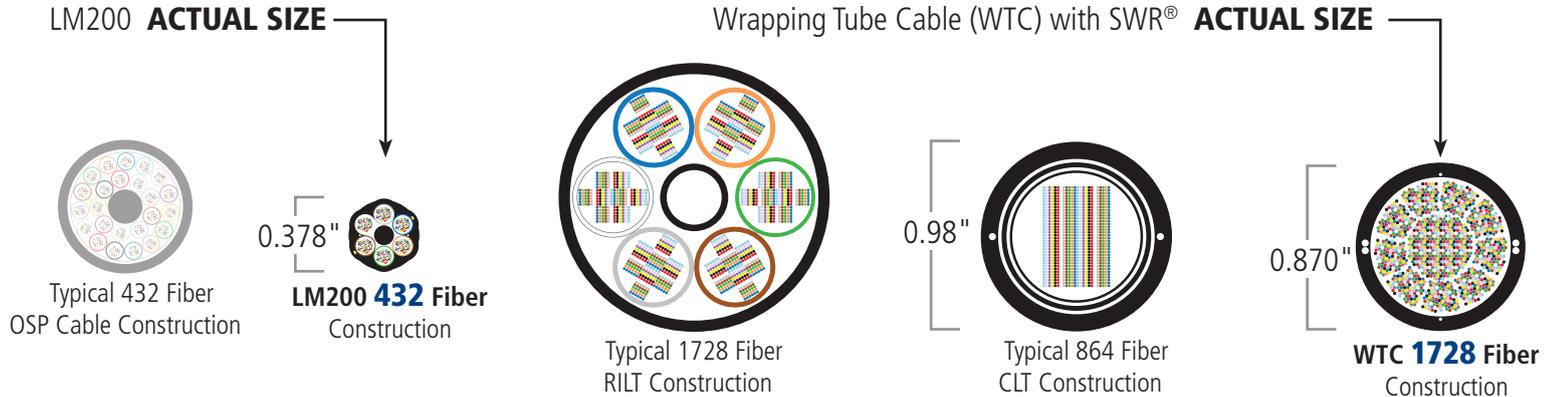
## Wrapping Tube Cable (WTC) with SpiderWeb Ribbon® (SWR®) Cable

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 3,456.



## Flame-Retardant Wrapping Tube Cable (WTC) with SpiderWeb Ribbon® (SWR®)

An ultra-high density fiber optic ribbon cable intended for inside plant and indoor/outdoor network applications where riser-rated products are required. The FR-WTC-SWR incorporates the leading-edge SpiderWeb Ribbon technology in a robust, flame-retardant cable package that can be used within buildings and, because of the core water-blocking feature, can also be routed outside provided the cable is housed within covered pathway spaces including duct-banks and cable trays.



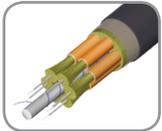
# HARSH ENVIRONMENT CABLE



## 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**



## BU Series Tactical Breakout Cable

Ideal for use in harsh environment applications requiring a rugged deployable cable solution. Consisting of 2 mm sub-cables, each optical fiber is suitable for direct termination enabling fast and easy installation. Available with a flame-retardant jacket option the BU series breakout cable is ideal for use in mines, petrochemical facilities, and other industrial applications.



## BU Series Braided Armored Breakout Cable

Ideal for use in installations where extreme environmental conditions are present. With the addition of a wire braid embedded within the jacketing system, these cables are highly resistant to damage caused by repetitive impact, high flex, crush, and abrasion as well as other harsh conditions. With utilization of AFL's tight buffered fiber technology, field termination is simplified.



## Copper/Fiber Composite Cable

Rugged, easy-to-use composite cable consisting of flexible stranded copper conductors and integrating communications links utilizing fiber optic technologies. The breakout design provides additional protection for both the copper and fiber channels by individually protecting each with insulated jackets and all-dielectric strength members.



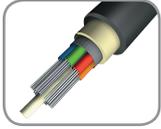
## Indoor/Outdoor Riser Tight Buffered Cable

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 576. Available in single or double jacket, dry tube or gel-filled options.



## **Industrial Loose Tube Cable, LSZH, OFCG-LS, Aluminum Interlock Armor**

Designed for high reliability in heavy industrial and harsh environment applications. Consisting of a formed metallic armor, the cable features superior crush resistance and a high degree of flexibility. Furthermore, the cable features a flame retardant LSZH jacket which is UV stabilized and highly resistant to chemicals commonly found in industrial environments.



## **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.



## **Uniflex® Cable**

Available in all dielectric, armored, indoor/outdoor, heavy duty and LSZH versions, these central tube products allow for installations that require increased flexibility with a small cable diameter.



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

Please contact us at 800-AFL-FIBER or [AFLPremiseStock@AFLglobal.com](mailto:AFLPremiseStock@AFLglobal.com) for more details.



# AFL



[www.AFLglobal.com](http://www.AFLglobal.com) or (800) 235-3423

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