



## AccuTube® 200 µm Rollable Ribbon (RR) Outdoor/Indoor Building Cable

Ultra-High Density Building Cable Offers a Compact, Flexible Cable Design for Data Center Applications



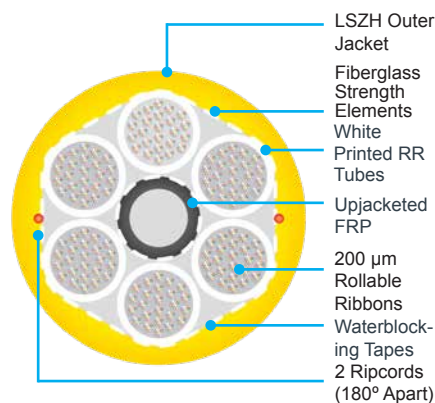
AccuTube 200 µm Rollable Ribbon Indoor/Outdoor Building Cable

### Features and Benefits

- Outstanding carrying capacity for ultra-high-density applications in HyperScale Data Centers and Central Offices
- Rugged tube design features OFS rollable ribbon technology
- Completely gel-free design
- Features 1728 or 3456 fibers
- Standard ribbon print marking with numbers and blocks for identification
- Meets the mechanical and optical requirements of Telcordia GR-20 Issue 4 and ANSI/ICEA S-87-640 for outside plant (OSP) fiber optic cables
- Dual Flame Rating (OFNR and CPR rated); UL-1666 and FT4 CPR Cca
- Low Smoke Zero Halogen (LSZH) materials
- 200 µm rollable ribbon design enables smaller cable outer diameter (OD) and reduced weight versus comparable flat ribbon cable designs
- Rollable ribbon structure helps facilitate efficient mass fusion splicing and easy access to individual fibers
- Tube design enables efficient access to ribbons and easier ribbon management
- Gel-free construction helps facilitate faster cable preparation
- Excellent waterblocking allows use in both indoor or outdoor applications

### Product Description

The AccuTube 200 micron Rollable Ribbon (RR) Outdoor/Indoor Cable features up to 3456 optical fibers in a gel-free, tube-based cable design. This cable features a new dual-rated low smoke zero halogen outer jacket allowing the cable design of 1728f and higher to be utilized farther into the conduit giving it a unique descriptor of outdoor/ indoor at this fiber density. The cable's 200-micron single-mode fibers add additional compact, lighter weight cable features in the OFS rollable ribbon design for enhanced densification. To form these ribbons, individual 200-micron fibers are partially bonded to each other at predetermined points. These ribbons help enable highly efficient ribbon splicing and easy individual fiber breakout. The ribbon design may also be "rolled" (compacted) and routed like individual fibers to facilitate use in smaller closures and splice trays.



AccuTube 200 µm Rollable Ribbon Outdoor/Indoor Building Cable Cross-section

### Why the AccuTube 200 µm RR Outdoor/Indoor Building Cable?

The AccuTube 200-micron RR O/I Building Cable offers exceptional fiber density and flexibility to go farther into the conduit at 1728 and higher fiber count bridging the usage from outdoor/ indoor to outside plant specifications in a unique, flame rated cable structure. Designed for the growing demands of ultra-dense, high-growth, high-bandwidth applications, this cable's rollable ribbon design helps users achieve highly efficient and cost-effective mass fusion splicing along with easy individual fiber breakout. This capability helps to simplify installation and save on labor cost. This cable also helps to reduce indoor ladder rack congestion by condensing multiple routes of lower-count cables into a single high-density pathway.

The AccuTube 200-micron RR O/I Building Cable's ribbons may be "rolled" (compacted) and routed like individual fibers to facilitate use in smaller splice trays. In addition, this cable's completely gel-free waterblocking design also helps to reduce the time required to prepare cable ends, which can help to lower labor and splice costs.



# AccuTube® 200 µm Rollable Ribbon (RR) Outdoor/Indoor Building Cable

Specifications	ATIO	ATIO
Fiber Count	1728	3456
Cable Outer Diameter - in. (mm)	0.90 (23.0)	1.08 (27.5)
Cable Weight - lb/kft (kgm/km)	392 (584)	536 (800)
Maximum Tensile Rating - lb (N)	600 (2669)	600 (2669)
Minimum Bend Diameter - in. (mm)	27 (686)	32.4 (823)
Dynamic Condition/ Loaded (During Installation) - in. (mm)	27 (686)	32.4 (823)
On Drum Diameter - in. (mm)	36 (920)	43.2 (1100)
OSP Storage Coil - in. (mm)	27 (686)	32.4 (823)
CPR Rating	Cca-s1b, d1, a1	Cca-s1b, d1, a1
DoP Lookup: <a href="http://www.ofs-sales.com/cpr/">www.ofs-sales.com/cpr/</a>	ATIO-1728-B-D	ATIO-3456-B-D

### Performance Standard

The AccuTube RR Outdoor/Indoor Building Cable meets all or portions of Telcordia GR-20 CORE Issue 4 and ANSI/ICEA S-87-640. Dual-rated cables are UL listed as compliant with NEC Article 770 as Type OFNR.

### Handling

**Temperature:** Installation: -22 °F to 140 °F (-30 °C to 60 °C)  
 Operation: -40 °F to 158 °F (-40 °C to 70 °C)  
 Storage: -40 °F to 158 °F (-40 °C to 70 °C)

Fiber Type					
Code	Single-Mode Descriptor	Grade	1310 nm	1550 nm	MCA (Z)
W	AllWave FLEX+ ZWP Bend-Optimized Single-Mode Optical Fiber	G.657.A2	0.4 (dB/km)	0.3	4

### AccuTube 200 µm Rollable Ribbon O/I Building Fiber Optic Cable Ordering Information

Example: ATIO-1728B-WDY-4-12-200<sup>1</sup>

Short Description: ATIO-NNNV-WXY-Z-UU-DDD

<b>ATIO =</b> AccuTube 200 µm Rollable Ribbon Outdoor/Indoor Building Cable	<b>Y =</b> Jacket Color K = Black Y = Yellow
<b>NNN =</b> Fiber Count: 1728 or 3456	<b>Z =</b> Maximum Cable Attenuation (See Chart)
<b>V =</b> Version (See Chart)	<b>UU =</b> Fiber Groupings or Ribbon Type 12 = 12-fiber groupings available in 1728 and 3456-fiber cable 16 = 16-fiber groupings available in 1728-fiber cables
<b>W =</b> Fiber Type (See Chart)	<b>DDD =</b> Fiber Outer Diameter = 200 µm
<b>X =</b> Jacket Material (Flame Retardant) D = Dual Rated Low Smoke/Zero Halogen (UL 1666 and CPR Rated)	

\* NOTE: Other colors available upon customer request.

<sup>1</sup> Part Number shown is for an AccuTube 200 µm Rollable Ribbon Outdoor/Indoor Building Cable with 1728 AllWave FLEX+ ZWP Optical Fibers and standard cable print.

**OFNG G.657.A2 I/O OPTICAL CABLE -C- ATIO-1728A-WDY-4-12-200 OFNG-FT4-ST1 c (UL) OFNR-LS LSZH CPR [MM/YY] [Lot No] [LENGTH IN FEET]**

For additional information please contact your sales representative.

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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