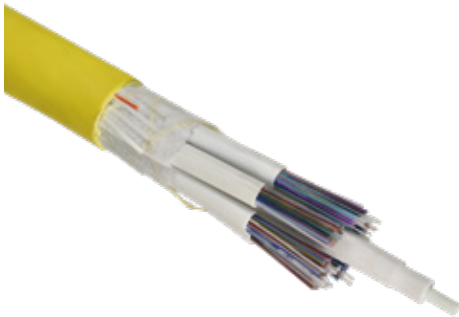




A Furukawa Company

AccuTube® 250 µm Rollable Ribbon (RR) Outdoor/Indoor Building Cable

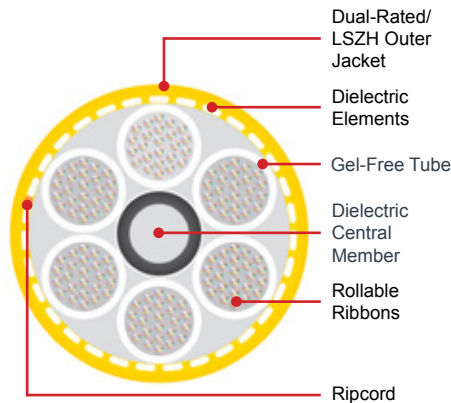
Ultra-High Density Building Cable Offers a Compact, Flexible Cable Design for Data Center Applications



AccuTube Rollable Ribbon Outdoor/Indoor 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 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
- 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



AccuTube Rollable Ribbon Outdoor/Indoor Building Cable Cross-section

Product Description

The AccuTube Rollable Ribbon (RR) Outdoor/Indoor Building Cable features 1728 optical fibers in a gel-free, tube-based cable design. This cable features rollable ribbons, the newest optical fiber ribbon design from OFS. To form these ribbons, individual 250 µm fibers are partially bonded to each other at predetermined points.

Why the AccuTube RR Outdoor/Indoor Building Cable?

The AccuTube RR Outdoor/Indoor Building Cable offers exceptional fiber density and flexibility 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 costs. 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 RR Outdoor/Indoor 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 and achieve mid-span access, which can also help to lower labor and splice costs.



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AccuTube® 250 µm Rollable Ribbon (RR) Outdoor/Indoor Building Cable

Specifications	
Fiber Count	1728
Cable Outer Diameter - in. (mm)	1.00 (25.4)
Core Tube - in. (mm)	0.28 (7.2)
Cable Weight - lb/kft (kg/km)	425 (634)
CPR Rating	Cca-s1b, d1, a1
DoP Lookup: www.ofs-sales.com/cpr/	ATIO-1728-B-D
Minimum Recommended Bend Diameters	
Static Condition/Unloaded (installed) - in. (mm)	10 x Outer Diameter
Dynamic Condition/Loaded (during installation) - in. (mm)	40 x OD
Storage Coils - in. (mm)	40 x OD
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: -4 °F to 140 °F (-20 °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)
Compressive Strength	220 N/cm
Maximum Tensile Rating lb. (N)	600 (2670)
Maximum Long-Term Load lb. (N)	333 (1412)

Fiber Type					
Code	Single-Mode Descriptor	Grade	1310 nm	1550 nm	MCA (Z)
A	AllWave®+ ZWP Bend-Optimized Single-Mode Optical Fiber	G.657.A1	0.4 (dB/km)	0.3	4
W	AllWave FLEX+ ZWP Bend-Optimized Single-Mode Optical Fiber	G.657.A2	0.4 (dB/km)	0.3	4

AccuTube Rollable Ribbon Fiber Optic Cable Ordering Information

Example: ATIO-1728B-WDY-4-12-250¹

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

ATIO = AccuTube Rollable Ribbon Fiber Optic Cable	Y = Jacket Color K = Black Y = Yellow
NNN = Fiber Count: 1728	Z = Maximum Cable Attenuation (See Chart)
V = Version (See Chart)	UU = Fiber Groupings or Ribbon Type = 12
W = Fiber Type (See Chart)	DDD = Fiber Outer Diameter = 250 µm
X = Jacket Material (Flame Retardant) D = Dual Rated Low Smoke/Zero Halogen (UL 1666 and CPR Rated)	

* NOTE: Other colors available upon customer request.

¹ Part Number shown is for an AccuTube Rollable Ribbon Outdoor/Indoor Building Cable with 1728 AllWave FLEX+ ZWP Optical Fibers and standard cable print. **OFS G.657.A2 O/I OPTICAL CABLE -C- ATIO-1728B-WDY-4-12-250 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 or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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