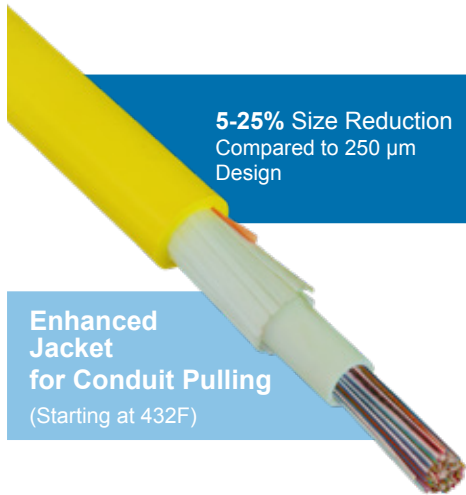


AccuRiser™ 200 μ m Rollable Ribbon Fiber Optic Cable

Innovative Indoor/Outdoor Cable Offers High Fiber Density and Flexibility for Data Center Applications



AccuRiser 200 μ m Rollable Ribbon Cable

Features

- OFS rollable ribbon technology
- Compact, flexible design
- Indoor/outdoor rated
- Highly crush-resistant central core
- Low Smoke/Zero Halogen (LSZH) materials
- Dual Flame Rating (OFNR and CPR rated)
- Meets or exceeds ICEA-S-696 Standard
- Fiber counts of 144 to 864
- Excellent water-penetration resistance

Benefits

- 200 μ m rollable ribbons help enable smaller cable outer diameter (OD) and reduced weight versus traditional ribbon cable designs
- Optimized for fast, cost-effective mass fusion splicing
- Dual flame rating promotes global use and reduces regional code selection issues
- High fiber density helps save on valuable space
- Cable flexibility simplifies handling and installation

Product Description

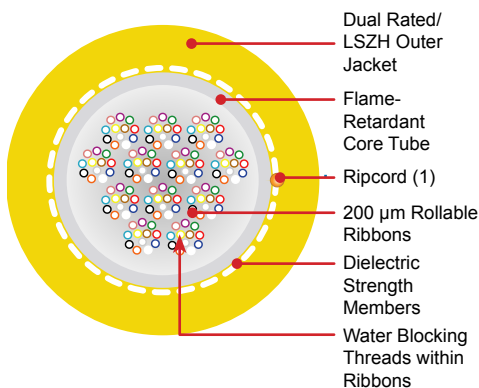
The AccuRiser 200 micron Rollable Ribbon (RR) Cable was specifically designed to offer high fiber density and excellent carrying capacity. The 200-micron single-mode fibers add additional compact, lighter weight cable features in the OFS rollable ribbon design for enhanced densification. These ribbons 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.

Why the AccuRiser 200 μ m Rollable Ribbon Cable?

Every element of the AccuRiser 200 micron Rollable Ribbon Cable was designed to offer high fiber density while helping to speed installation during a new data center or central office deployment. The 200 micron 12-fiber rollable ribbons allow splice-in-place operations that help to get a facility up and running quickly. This strong yet flexible cable helps to ease cable installation over ladder racking and through tight bends during the routing as well as smoothing and speeding installation. The compact design for enhanced densification also improves ladder rack utilization (more cables in the same space).

The AccuRiser 200 micron Rollable Ribbon Cable is an excellent choice for building-to-building cable connections. This cable also removes the need to intermediate splice points for transitions from the outdoor environment to indoor use. Reducing the number of splices can help improve system loss and lower termination points within a network.

This cable is also well suited for routing for terminations and frames as well as preconnectorized applications.



AccuRiser Rollable Ribbon Cable Cross-Section

Specifications	8RIO	8RIO	8RIO	8RIO
Fiber Count	144	288	432/576	864
Key Standard	ICEA-696 I/O Rated		ICEA-640 O/I Rated	
Cable Outer Diameter - in. (mm)	0.36 (9.0)	0.43 (10.9)	0.59 (15.0)	0.67 (17.0)
Cable Weight - lb/kft (kgm/km)	46.0 (69.0)	64.0 (95.0)	161.0 (239.0)	180.0 (269.0)
Maximum Tensile Rating - lb (N)	600 (2670)	600 (2670)	600 (2670)	600 (2670)
Min. Bend Diameter/10xOD - in. (mm)	3.6 (90)	4.3 (109)	5.9 (150)	6.7 (170)
Dynamic Condition/ Loaded (During Installation) 20 x OD - in. (mm)	7.2 (183)	8.6 (218)	11.8 (300)	13.4 (340)
Storage Coil 40 x OD - in. (mm)	14 (356)	17 (436)	23.6 (600)	26.8 (640)
CPR Rating	Cca-s1a, d1, a1	Cca-s1a, d1, a1	Cca-s1a, d1, a1	Cca-s1b, d2, a1
DoP Lookup: www.ofs-sales.com/cpr/	8RIO-144-A-D	8RIO-288-A-D	8RIO-XXX-B-D	8RIO-864-B-D

Performance Standard

The AccuRiser Rollable Ribbon Cable meets all or portions of Telcordia GR-409/ICEA-S-83-696/ICEA-S-104-696/ICEA-S-115-730 and TIA-568. Riser-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

AccuRiser 200 µm Rollable Ribbon Fiber Optic Cable Ordering Information

Example: 8RIO-288A-WDK-4-12-200¹

Short Description: 8RIO-NNNV-WXY-Z-UU-DDD

8RIO = AccuRiser 200 µm Rollable Ribbon Indoor/Outdoor Cable

Y = Jacket Color

K = Black
Y = Yellow
T = Black with Two Yellow Stripes

NNN = Fiber Count: 144, 288, 432, 576, or 864

Z = Maximum Cable Attenuation (See Chart)

V = Version (See Chart)

A = 144 or 288 Fiber (Version A)
B = ≥432 Fiber (Version B)

UU = Fiber Groupings or Ribbon Type = 12

W = Fiber Type (See Chart)

DDD = Fiber Outer Diameter = 200 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 AccuRiser 200 µm Rollable Ribbon Indoor/Outdoor Cable with 288 AllWave+ ZWP Fibers and standard cable print.
OFS G.657.A2 I/O OPTICAL CABLE -C- 8RIO-288A-WDK-4-12-200 OFNG-ST1 FT4 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.



Copyright © 2021 OFS Fitel, LLC.
 All rights reserved, printed in USA.

OFS Marketing Communications
 Doc ID: prem-247 Date: 08/21



AllWave and EZ-Bend are registered trademarks and AccuRiser is a trademark of OFS FITEL, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.