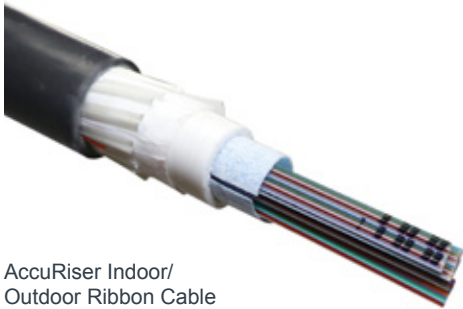




A Furukawa Company

## AccuRiser™ Indoor/Outdoor Ribbon Cable

High-Density Cable Improves Installation Speed for Backbone Data Center and Central Office Deployment



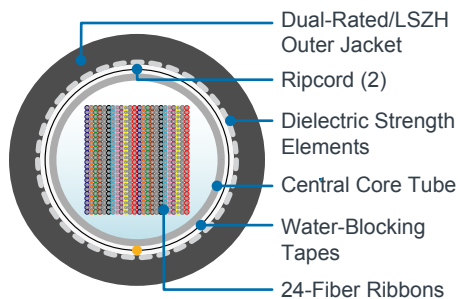
AccuRiser Indoor/  
Outdoor Ribbon Cable

### Features

- Flexible Jacket Design
- Indoor/Outdoor Rated
- Low Smoke/Zero Halogen (LSZH) materials
- Dual Flame Rated (OFNR and CPR Rated)
- Complies with ICEA-S-696 Standard
- Fiber counts of 288-864 with 24 optical fibers per ribbon

### Benefits

- Offers ease of routing within Data Centers or Central Office ladder racking
- Dual fire rating promotes global use and reduces regional code selection issues
- High fiber count ribbon backbone cable helps to speed installation time when compared with single-fiber cables
- High-fiber density helps save on valuable space



### Product Description

The AccuRiser Indoor/Outdoor Ribbon Cable was specifically designed to offer high-fiber density and speed of deployment in the backbone of Data Center and Central Office networks. This cable features a highly crush-resistant, central core design that remains flexible to allow smooth installation during routing. A central core tube and water-blocking tapes surround the ribbon fiber stacks for excellent water-penetration resistance. Dielectric strength members provide added tensile and crush resistance, while a low smoke/zero halogen (LSZH) outer jacket completes the cable construction.

### Why the AccuRiser Indoor/Outdoor Cable?

Every element of the AccuRiser Cable is designed to help facilitate speed of installation during a new data center or central office deployment. The 24-fiber ribbons allow splice-in-place operations that help to get a facility up and running rapidly. This strong yet flexible cable helps to ease cable installation over ladder racking and through tight bends during routing as well as smoothing and speeding installation times. A broad range of AccuRiser Cable fiber counts helps engineering to select the right cable for the job.

The AccuRiser Indoor/Outdoor Cable is an excellent choice for building-to-building cable connections. This cable also removes the need for intermediate splice points for transitions from the outdoor environment to indoor use. Reducing the number of splices can result in improved system loss and lower termination points within a network.

Specifications	8FIO	8FIO	8FIO	8FIO	8FIO
<b>Fiber Count</b>	<b>288</b>	<b>432</b>	<b>576</b>	<b>720</b>	<b>864</b>
<b>Outer Diameter - in. (mm)</b>	0.67 (17.0)	0.77 (19.5)	0.77 (19.5)	0.96 (24.5)	0.96 (24.5)
<b>Weight - lb/kft (kgm/km)</b>	169.0 (251.48)	214.8 (319.73)	224.1 (333.53)	315.5 (469.54)	324.8 (483.34)
<b>Maximum Tensile lb (N)</b>	600 (2670)	600 (2670)	600 (2670)	600 (2670)	600 (2670)
<b>CPR Rating</b>	Dca-s1, d1, a1	Dca-s1, d1, a1	Dca-s1, d1, a1	Dca-s1, d1, a1	Dca-s1, d1, a1
<b>DoP Lookup: <a href="http://www.ofs-sales.com/cpr/">www.ofs-sales.com/cpr/</a></b>	<b>8FIO-288-A-D</b>	<b>8FIO-432-A-D</b>	<b>8FIO-576-A-D</b>	<b>8FIO-720-A-D</b>	<b>8FIO-864-A-D</b>

Minimum Recommended Bend Diameters					
<b>Cable Diameter</b>	0.67 in.		0.77 in.		0.96 in.
<b>Static Condition 30 x OD</b>	21 in.		24 in.		29 in.
<b>Dynamic Condition</b>	27 in.		31 in.		39 in.
<b>Storage Coil 40 x OD</b>	27 in.		31 in.		39 in.

**Performance Standard**

The AccuRiser Indoor/Outdoor 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. Non-halogen cables are compliant with the requirements of IEC 60332-3C and IEC 61034-2. 288 to 576 are OFNG-FT4-ST1 listed. Note that the 864 count cable design is not FT-4 listed.

Handling	
<b>Temperature</b>	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)

AccuRiser Indoor/Outdoor Ribbon Cable Ordering Information	
Example: 8FIO-288A-WDK-4 <sup>1</sup>	
Part Number: 8FIO - <u>NNN</u> <u>A</u> - <u>W</u> <u>X</u> <u>Y</u> - <u>Z</u>	
<b>8FIO</b> =	AccuRiser Indoor/Outdoor Cable
<b>NNN</b> =	Fiber Count 288, 576, or 864
<b>A</b> =	Initial Release Version
<b>W</b> =	Fiber Type (see chart <sup>3</sup> )
<b>X</b> =	Jacket Material (Flame Retardant) <b>D</b> = Dual-Rated Low Smoke/Zero Halogen (UL 1666 & IEC 60332-3C)
<b>Y</b> =	Jacket Color <sup>2</sup> <b>K</b> = Black <b>Y</b> = Yellow <b>A</b> = Aqua <b>T</b> = Black with Two Yellow Stripes
<b>Z</b> =	Maximum Cable Attenuation (see chart*)

<sup>1</sup> Part Number shown is for an AccuRiser Dual-Rated Indoor/Outdoor Cable with 288 AllWave FLEX+ ZWP Optical Fibers and standard cable print.

OFS G.657.A1 I/O OPTICAL CABLE -C- 8FIO-288A-WDK-4 OFNG-ST1 FT4 c (UL) OFNR-LS IEC 60332-3-24 LSZH [MM/YY] [LOT NO] [LENGTH IN FEET]

<sup>2</sup> Contact OFS Order Management for information on other cable variations including additional fiber types, fiber counts, attenuation and custom cable print.

Fiber Type <sup>3</sup>	
Code	Description
<b>Single-Mode Optical Fiber</b>	
<b>W</b>	AllWave® FLEX+ ZWP Bend-Optimized Optical Fiber (G.657.A2)
<b>9</b>	AllWave® FLEX Max Bend-Optimized Optical Fiber (G.657.B3 & G.652.D)
<b>D</b>	EZ-Bend® Ultra-Bend Insensitive Optical Fiber (G.657.B3)
<b>A</b>	AllWave+ ZWP Bend-Optimized Optical Fiber (G.657.A1)
<b>Multimode Optical Fiber</b>	
<b>K</b>	LaserWave FLEX G+ Optical Fiber (OM2)
<b>3</b>	LaserWave FLEX 300 Optical Fiber (OM3)
<b>5</b>	LaserWave FLEX 550 Optical Fiber (OM4)

Maximum Cable Attenuation*			
Single-Mode Optical Fiber (dB/km)	1310 nm	1550 nm	MCA (Z)
AllWave FLEX+ ZWP Bend-Optimized Optical Fiber	0.4	0.3	4
AllWave FLEX Max Bend-Optimized Optical Fiber	0.4	0.3	4
EZ-Bend Ultra-Bend Insensitive Optical Fiber	0.4	0.3	4
AllWave+ ZWP Bend-Optimized Optical Fiber	0.4	0.3	4
<b>Multimode Optical Fiber (dB/km)</b>			
LaserWave FLEX G+ Optical Fiber	3.5	1.5	G
LaserWave FLEX 300 Optical Fiber	3.5	1.5	G
LaserWave FLEX 550 Optical Fiber	3.5	1.5	G

**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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