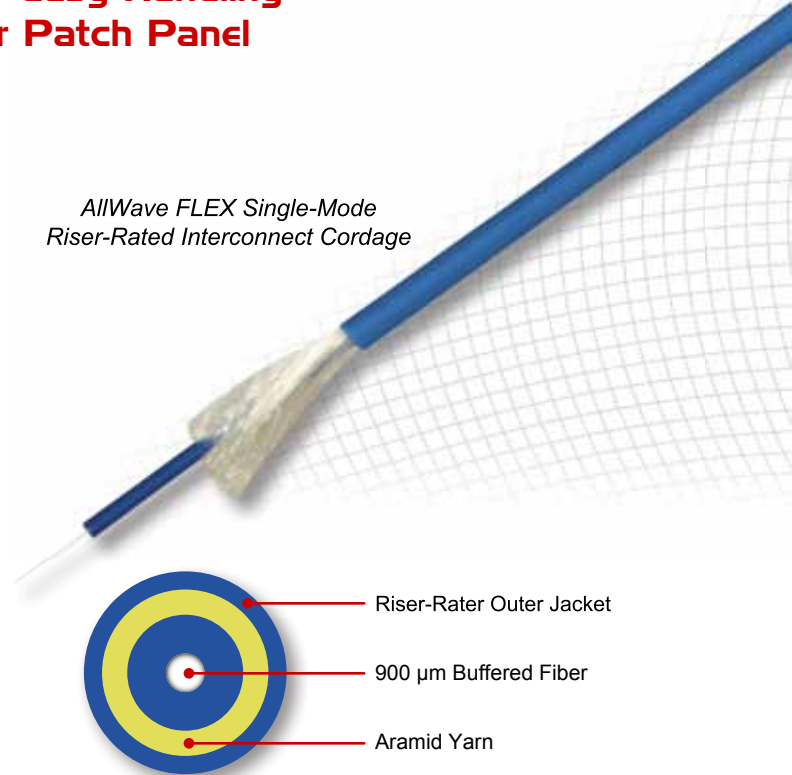


## Bend-Insensitive, Low Loss Cordage for Easy Handling and Routing on Equipment Panels or for Patch Panel Interconnections

### Features and Benefits:

- Uses OFS AllWave® FLEX Zero Water Peak (ZWP) Bend-Insensitive Single-Mode Fiber
- Low attenuation at bend radii as small as 10 mm
- Zero water peak supports CWDM in the E Band
- Low bending attenuation at long wavelengths ideal for transmission in the C- and L-Bands
- Available in simplex or zipcord duplex constructions
- Available with yellow or blue jacketing
- Available in 1.6 mm MiniCord®, 2.0 mm and 2.9 mm diameters
- Compliant with Telcordia GR-409 standard
- Environmentally friendly: Free of heavy metals and RoHS-compliant
- Compliant with UL® 1666 Riser Flame Test

AllWave FLEX Single-Mode Riser-Rated Interconnect Cordage



Illustrations above reflect AllWave FLEX ZWP Bend-Insensitive Single-Mode Cordage with blue jacketing

### Physical Specifications:

#### Simplex Cordage

Cable Diameter	Jacket Color	Part Number	Maximum Tensile Rating	Nominal Weight	Minimum Order Quantity
1.6 mm (0.063 in.)	Blue	LG1.6C-001C-WRB	220 N (50 lb)	2.03 kg/km (0.14 lb/100 ft)	0.5 km
	Yellow	LG1.6C-001C-WRY			
2.0 mm (0.080 in.)	Blue	LG2.0C-001C-WRB	220 N (50 lb)	3.48 kg/km (0.23 lb/100 ft)	0.5 km
	Yellow	LG2.0C-001C-WRY			
2.9 mm (0.113 in.)	Blue	LG3.0C-001C-WRB	220 N (50 lb)	7.50 kg/km (0.50 lb/100 ft)	0.5 km
	Yellow	LG3.0C-001C-WRY			

#### Zipcord Duplex Cordage

1.6 x 3.7 mm (0.063 x 0.145 in.)	Blue	LG1.6C-002C-WRB	220 N (50 lb.)	3.68 kg/km (0.25/100 ft)	0.5 km
	Yellow	LG1.6C-002C-WRY			
2.0 x 4.5 mm (0.080 in.)	Blue	LG2.0C-002C-WRB	220 N (50 lb.)	6.96 kg/km (0.46/100 ft)	0.5 km
	Yellow	LG2.0C-002C-WRY			
2.9 x 5.9 mm (0.113 x 0.234 in.)	Blue	LG3.0C-002C-WRB	440 N (100 lb.)	15.4 kg/km (1.05/100 ft)	0.5 km
	Yellow	LG3.0C-002C-WRY			

## Identification:

Buffered Fiber Color Code :	Fiber #	Fiber Color
	1	Blue (BL)
	2	Orange (OR)

*Example of Standard Sheath Marking for Blue-Jacketed 2-fiber 2.0mm Duplex Zipcord Cordage with AllWave FLEX ZWP Fiber (Custom sheath marking available upon request) :*

OFS FITEL ALLWAVE FLEX ZWP OPTICAL CABLE -C- LG2.0C-002C-WRB C(UL) US TYPE OFNR OFN-LS [CSA OFN FT4] {Lot number} ~nnnnn FEET

## Performance Characteristics:

### Flame Performance:

UL® Listed per UL 1666 Riser (OFNR) 1.6 mm and 2.0 mm cordage also UL Listed per UL 1685 Low Smoke (OFN-LS)

### Mechanical, Environmental, and Optical Performance:

Telcordia GR-409, ICEA S-85-596, NEC 770, NEC type-DP, ANSI FDDI, IEEE 802(s), ISO/IEC 11801, TIA 568, TIA 598, ANSI-X3(s), ATM, Fiber Channel and HIPPI

Temperature		
Operating	Installation (no damage)	Storage (full recovery)
-20° C to 70° C (-4° F to 158° F)	0° C to 40° C (32° F to 104° F)	-40° C to 70° C (-40° F to 158° F)

	Attenuation, dB/km	
	AllWave FLEX ZWP Cordage	
	1310 nm	1550 nm
Maximum Attenuation, dB/km	0.5	0.5
Typical Attenuation, dB/km	0.35	0.25

	Bending Attenuation, dB	
	Bending Condition	
	10mm Radius – 1 turn	25mm Radius – 50 turns
1550 nm	< 0.2 dB	< 0.02 dB
1625 nm	< 0.5 dB	< 0.02 dB



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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) from inside the USA or 1-770-798-5555 from outside the USA.

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