

AccuRibbon® Cordage Flat Ribbon



A Furukawa Company

Flexible, Low Loss Cordage, Ideal for Equipment Panels or Patch Panel Interconnections

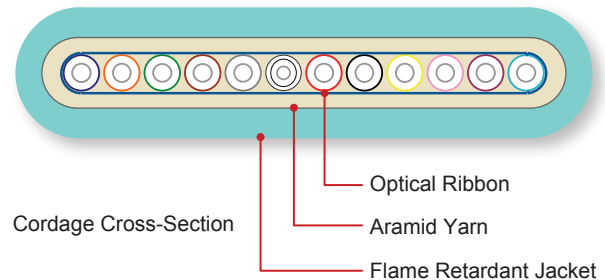
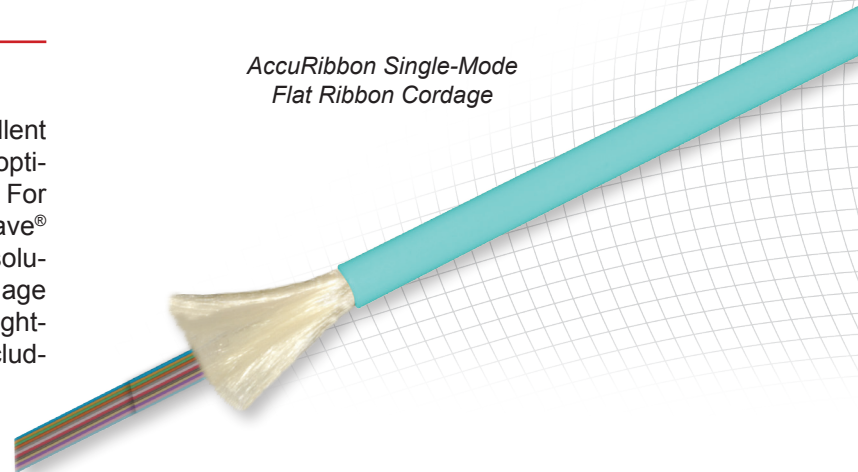
Product Description

OFS AccuRibbon® Flat Ribbon Cordage provides excellent transmission performance, flexibility, and connectivity for optical networks in a variety of installation environments. For example, AccuRibbon Flat Ribbon Cordage with LaserWave® Multimode Fiber provides a low-cost, easy-to-upgrade solution for 10-Mb/s through 10-Gb/s applications. This cordage may be used in any Premises application where a small, lightweight, and extremely flexible ribbon cable is needed, including applications where MPO-type connectors are used.

Features and Benefits:

- Fiber counts of 4, 8, 6, 12, or 24 (24 fibers available only in Plenum-rated design)
- Complies with ICEA S-85-596 and Telcordia GR-409 standards
- Available with AllWave® FLEX+ Zero Water Peak (ZWP) Bend-Optimized Single-Mode Fiber and AllWave ZWP Single-Mode Fiber
- Available with all OFS multimode fibers, including LaserWave 50 µm, standard 50 µm, and 62.5 µm Multimode Fibers
- Plenum, Riser, and non-halogen versions available
- All options are free of heavy metals and RoHS compliant

AccuRibbon Single-Mode Flat Ribbon Cordage



Illustrations above reflect a LaserWave® AccuRibbon Flat Ribbon Cordage.

Performance Characteristics

Product Type	Flame Performance	Mechanical, Environmental, and Optical Performance	Temperature (all cables)		
			Operating	Installation (no damage)	Storage (full recovery)
Plenum (OFNP)	UL® Listed per UL 910, CSA certified per OFN FT4/FT6	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			
Riser (OFNR)	UL® Listed per UL 1666, CSA certified per OFN FT4	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	-20 C to 70 C (-4 F to 158 F)	0 C to 50 C (32 F to 122 F)	-40 C to 70 C (-40 F to 158 F)
LSOH (Non-halogen)	IEC 60332-3c (flame), IEC 61034-2 (smoke), NES713 (toxicity), IEC 60754-2 (corrosives). UL® Listed per UL 1666, CSA certified per OFN FT4	IEC 60794, FDDI, IEEE 802(s), ISO/IEC 11801, TIA 568, TIA 598, ANSI-X3(s), ATM, Fiber Channel and HIPPI			

Maximum Cable Attenuation*

Single-Mode Fibers (dB/km)	1310 nm	1385 nm	1550 nm
AllWave ZWP Single-Mode Fiber	0.5	0.5	0.5
AllWave FLEX+ ZWP Single-Mode Fiber	0.4	0.4	0.3
Multimode Fibers (dB/km)	850 nm	1300 nm	
62.5 µm Multimode Fiber	3.4	1.0	
50 µm Multimode and LaserWave G+ Fibers	3.5	1.5	
LaserWave 300 and LaserWave 550 Fibers	3.0	1.0	

* Installed attenuation values shall be at or below those listed above

Physical Characteristics:

Product Type	Tensile Rating N (lb)	Nominal Width mm (in.)	Nominal Height mm (in.)	Nominal Weight Kg/km (lb/100 ft)	Maximum Length km (ft)
Plenum Cable					
Plenum, 4 Fiber		4.0 (0.16)	2.10 (0.082)	9.9 (6.67)	
Plenum, 6 Fiber		4.0 (0.16)	2.10 (0.082)	9.9 (6.67)	
Plenum, 8 Fiber	220 (50)	4.8 (0.19)	2.10 (0.082)	11.2 (7.53)	8.8 (29000) ¹
Plenum, 12 Fiber		4.8 (0.19)	2.10 (0.082)	11.2 (7.53)	
Plenum, 24 Fiber (Two 12-fiber ribbons)		5.7 (0.27)	2.70 (1.070)	14.2 (9.54)	
Riser Cable					
Riser, 4 Fiber		4.0 (0.16)		8.1 (5.44)	
Riser, 6 Fiber	220 (50)	4.0 (0.16)	2.10 (0.082)	8.1 (5.44)	8.8 (29000) ¹
Riser, 8 Fiber		4.8 (0.19)		8.8 (5.91)	
Riser, 12 Fiber		4.8 (0.19)		8.8 (5.91)	
Non-Halogen Cable					
Non-Halogen, 4 Fiber		4.0 (0.16)		8.0 (5.37)	
Non-Halogen, 6 Fiber	220 (50)	4.0 (0.16)	2.10 (0.082)	8.0 (5.37)	8.8 (29000) ¹
Non-Halogen, 8 Fiber		4.8 (0.19)		9.4 (6.32)	
Non-Halogen, 12 Fiber		4.8 (0.19)		9.4 (6.32)	

¹ Maximum length limited to 8.4 km for multimode fibers

Identification

Fiber Color Code:

Fiber #	Fiber Color	Fiber #	Fiber Color	Fiber #	Fiber Color	Fiber #	Fiber Color
1	Blue (BL)	4	Brown (BR)	7	Red (RD)	10	Violet (VI)
2	Orange (OR)	5	Grey (SL)	8	Black (BK)	11	Rose (RS)
3	Green (GR)	6	White (WH)	9	Yellow (YL)	12	Aqua (AQ)

Sheath Color Code: (Custom color code available upon request)

Fiber Type	Standard Color	Sheath Marking:
LaserWave Cable	Aqua (A)	OFS OPTICAL CABLE -C- RC-NNNA-XXX [UL Listing] [Lot Number] XXX [Feet] (Alternative Sheath printing available on request)
50 µm, 62.5 µm Cable	Orange (O)	
Single-Mode Cable	Yellow (Y)	

AccuRibbon Flat Ribbon Cordage Ordering Information

Example: RC-006B-ZPA

Part Number: RC - NNNW-XYZ

RC = Ribbon Cordage	Y = Fire Rating
NNN = Fiber Count	R = Riser
004, 006, 008, 012, 024*	P = Plenum
W = Cordage version (default version)	H = LS0H
A = Riser	Z = Jacket Color
B = Low Smoke, Zero Halogen (LS0H) and Plenum	A = Aqua (LaserWave)
X = Fiber Type (see table)	Y = Yellow (Single-Mode)
	O = Orange (62.5/125 µm)

* 24-fiber cable available in Plenum-rated design only

Fiber Type

Code	Description
A	AllWave ZWP Single-Mode (SM)
F	LaserWave 550 Multimode
H	LaserWave G+ Multimode
L	Multimode 62.5 µm
M	Multimode 50 µm
T	TrueWave® RS LWP SM
W	AllWave FLEX+ ZWP SM
Z	LaserWave 300 Multimode



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

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