

AccuFlex[®] PLUS

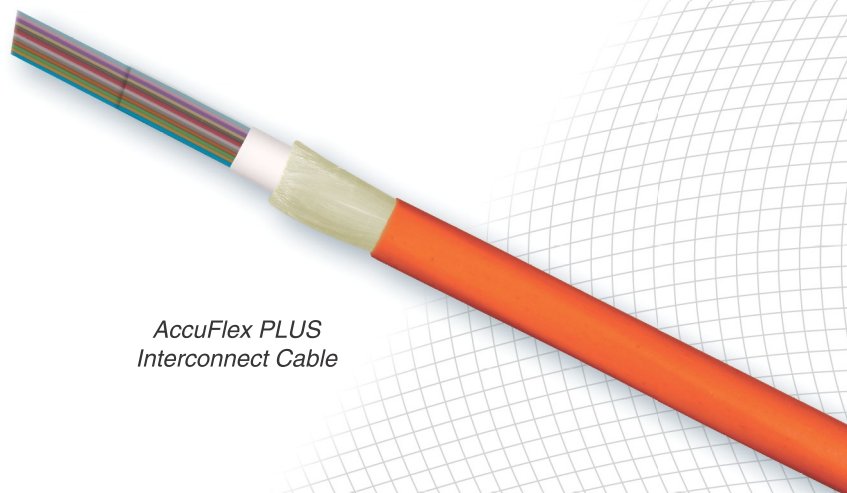
Interconnect Cable



Compact, flexible plenum rated ribbon cable ideal for use in high-bandwidth data center/central office applications. Optimized for use with MPO/MPX multifiber connectors.

Product Description

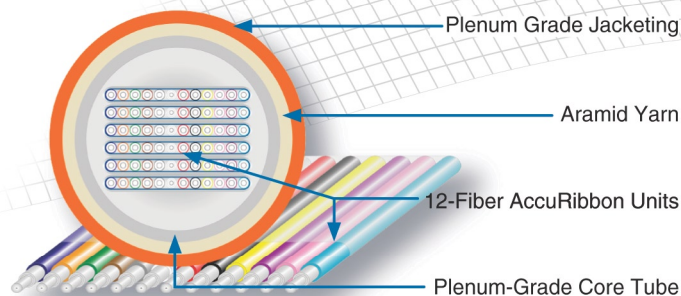
OFS AccuFlexPlus Optical Ribbon Interconnect Cable provides excellent transmission performance, flexibility, and connectivity in a very compact package. Plenum-rated AccuFlexPlus cable is ideal for optical network systems in a variety of installation environments, including data centers, central offices, and CATV head-ends. AccuFlexPlus interconnect cable with LaserWave™ multimode fiber provides a low-cost, easy-to-upgrade solution for 10-Mb/s through 10-Gb/s applications. AccuFlexPlus interconnect cable may be used in any Premises application in which a small, high density, extremely flexible ribbon cable product is needed, especially in applications where MPO/MPX connectors are used.



AccuFlex PLUS Interconnect Cable

Features and Benefits:

- Available with 12-72 fibers
- Compliant with ICEA S-85-596 and Telcordia GR-409 standards.
- Available with AllWave® Zero Water Peak (ZWP) Single-Mode (SM) Fiber
- Available with all OFS multimode fibers, including LaserWave 50 μm, standard 50 μm, and 62.5 μm Multimode Fibers
- Free of heavy metals and RoHS-compliant.



Physical Characteristics:

Plenum Cable

Product Type	Tensile Rating N (lb)	Outer Diameter mm (in)	Nominal Weight kg/km (lb/1000 ft)	MOQ km (ft)	Maximum Length km (ft)
Plenum, 12-72 Fiber	890 (200)	8.0 (0.315)	41.2 (27.8)	1.0 (3280)	8.8 (29000) ¹

¹ Maximum length limited to 8.4 km for multimode fiber

Performance Characteristics:

Product Type	Flame Performance	Mechanical and Environmental Performance	Temperature						
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	<table border="0"> <tr> <td>Operating</td> <td>Installation</td> <td>Storage</td> </tr> <tr> <td>-20 C to 70 C (-4 F to 158 F)</td> <td>(no damage) 0 C to 50 C (32 F to 122 F)</td> <td>(full recovery) -40 C to 70 C (-40 F to 158 F)</td> </tr> </table>	Operating	Installation	Storage	-20 C to 70 C (-4 F to 158 F)	(no damage) 0 C to 50 C (32 F to 122 F)	(full recovery) -40 C to 70 C (-40 F to 158 F)
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Ordering Information:

Plenum Cordage

Product Type	LaserWave G+ Fiber ¹	LaserWave 300 Fiber ¹	LaserWave 550 Fiber ¹	50 μ m Fiber ¹	62.5 μ m Fiber ¹	Bend Insensitive SM Fiber	AllWave ZWP Fiber
Plenum, 12 Fiber	RRC-1/12B-HPA	RRC-1/12B-ZPA	RRC-1/12B-FPA	RRC-1/12B-MPO	RRC-1/12B-LPO	RRC-1/12B-SPY	RRC-1/12B-APY
Plenum, 24 Fiber	RRC-2/12B-HPA	RRC-2/12B-ZPA	RRC-2/12B-FPA	RRC-2/12B-MPO	RRC-2/12B-LPO	RRC-2/12B-SPY	RRC-2/12B-APY
Plenum, 36 Fiber	RRC-3/12B-HPA	RRC-3/12B-ZPA	RRC-3/12B-FPA	RRC-3/12B-MPO	RRC-3/12B-LPO	RRC-3/12B-SPY	RRC-3/12B-APY
Plenum, 48 Fiber	RRC-4/12B-HPA	RRC-4/12B-ZPA	RRC-4/12B-FPA	RRC-4/12B-MPO	RRC-4/12B-LPO	RRC-4/12B-SPY	RRC-4/12B-APY
Plenum, 72 Fiber	RRC-6/12B-HPA	RRC-6/12B-ZPA	RRC-6/12B-FPA	RRC-6/12B-MPO	RRC-6/12B-LPO	RRC-6/12B-SPY	RRC-6/12B-APY

¹ Maximum length limited to 8.4 km for multimode fiber

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)

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

Fiber Type	Standard Color	Sheath Marking:
LaserWave Cable	Aqua (A)	OFS FIBEL ACCUFLEX PLUS OPTICAL CABLE -C- RRC-X/XXB-XXX [UL Listing] [Lot Number] XXX [Feet Marking] (Alternative Sheath printing available on request)
50 mm, 62.5 mm Cable	Orange (O)	
Single-Mode Cable	Yellow (Y)	

Minimum Bandwidth¹:

50 μ m Fiber Cordage

Wavelength	For Plenum, Riser, and LSOH Cables							
	LaserWave G+ Fiber		LaserWave 300 Fiber		LaserWave 550 Fiber		50 μ m Fiber	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
Minimum Laser EMB ² (MHz-km)	950 ²	500	2000 ²	200	4700 ²	500	Not Specified	
Minimum Overfilled Bandwidth ³ (MHz-km)	700	500	1500	500	3500	500	500	500

62.5 μ m Fiber Cordage

Minimum Laser EMB ² (MHz-km)	Not Specified	
Minimum Overfilled Bandwidth ³ (MHz-km)	200	500

Notes: ¹ Please see OFS fiber data brochures for complete listing of Application Support distances

² Effective Modal Bandwidth, per TIA/EIA-492AAAC and IEC 60793-2-10 for type A1a.2

³ Measured per TIA/EIA-455-204

Attenuation:

Wavelength	LaserWave G+, 300, 550 Multimode Fiber		62.5 μ m Multimode Fiber		AllWave ZWP and Bend Insensitive Single-Mode Fiber	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
Maximum Attenuation (dB/km)	3.5	1.5	3.4	1.0	0.5	0.5
Typical Attenuation (dB/km)	2.9	0.9	2.7	0.7	0.35	0.25

For additional information please contact your sales representative. You can also visit our website at <http://www.ofsoptics.com> or call 1-888-fiberhelp.

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