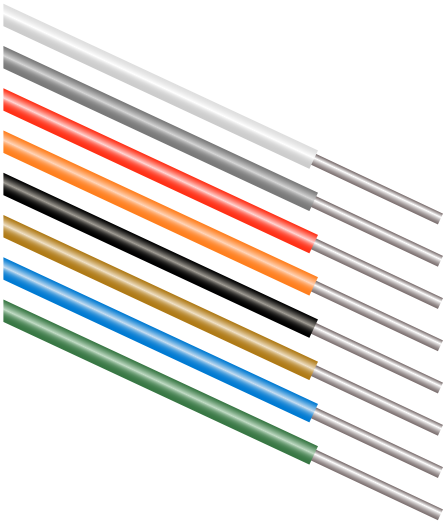
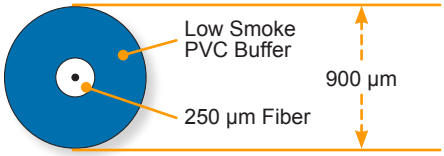
AllWave® *FLEX*+ 900 µm PVC Buffered Optical Fiber

P/N: C81261 + Colors



AllWave FLEX+ 900 µm
(shown with all color options)



LS PVC Tight-Buffer
Fiber Cross-Section

Features and Benefits

- Ultra-small and durable fiber, ideal for a variety of installation environments
- Save on space, allowing more cross-connects and/or interconnects in the same area
- Cladding diameter (125 ± 1 µm) helps eliminate the need to rework connectors and splices
- May be terminated with any type/size connector, saving on equipment and storage
- Reduces upgrade costs (only the electronics must be changed)
- Available in many buffer colors

Overview

The OFS 900 µm Tight-Buffered Allwave *FLEX* + Optical Fiber (G.657.A2) provides cost-effective solutions for a wide variety of applications in telecommunications networks and local area networks (LANs) where space is at a premium.

Valued for their ultra-small size, versatility and strength, the 900 µm Tight-Buffered Fibers have more than a 20-year proven record of providing excellent transmission performance and connectivity in a wide variety of networks. The rugged fiber can withstand the abuse of repeated handling in patch panels and communications closets, moves, changes, reconnects and tests without affecting performance.

Designed for easy, reliable deployment, the Tight-Buffered Fiber help enable savings on cabinet space; labor; equipment and storage; upgrade costs; fiber longevity; and installation time.

The 900 µm Tight-Buffered Fiber are typically used as pigtails for active and passive optical devices and for optical wiring in NICs where additional protection is desired for the optical fiber.

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Product Specifications	
Physical Characteristics	
Optical Fiber	AllWave *FLEX*+ G.657.A2 Zero Water Peak Bend-Optimized
Fiber Proof Test	≥ 100 KPSI
Cladding Diameter	125 µm
Coating Diameter	245 µm
Buffer Material	LS PVC
Buffer Diameter	900 µm
Optical Characteristics	
Buffer Attenuation @ 1310 nm	0.50 dB/km
Buffer Attenuation @ 1550 nm	0.40 dB/km
Mode Field Diameter @ 1310 nm	8.4 - 9.2 µm
Mode Field Diameter @ 1550 nm	10.0 µm
Mechanical and Environmental	
Operating Temperature	-20 to +70 ºC
Environmentally Friendly	RoHS Compliant and Heavy Metal Free

Part Number	Description	Buffer Color
C81261-Blue	AllWave Flex+ 900µm LS PVC Tight Buffer	Blue
C81261-Orange	AllWave Flex+ 900µm LS PVC Tight Buffer	Orange
C81261-Green	AllWave Flex+ 900µm LS PVC Tight Buffer	Green
C81261-Brown	AllWave Flex+ 900µm LS PVC Tight Buffer	Brown
C81261-Slate (Gray)	AllWave Flex+ 900µm LS PVC Tight Buffer	Slate
C81261-White	AllWave Flex+ 900µm LS PVC Tight Buffer	White
C81261-Red	AllWave Flex+ 900µm LS PVC Tight Buffer	Red
C81261-Black	AllWave Flex+ 900µm LS PVC Tight Buffer	Black
C81261-Yellow	AllWave Flex+ 900µm LS PVC Tight Buffer	Yellow

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.

OFS Marketing Communications
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