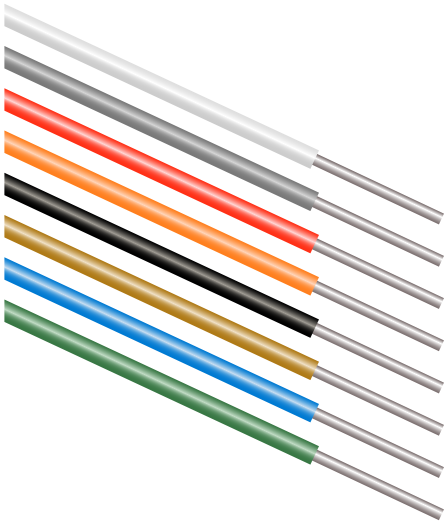
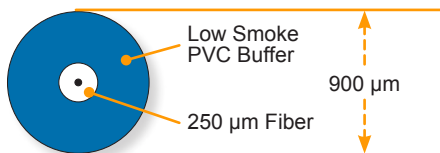


## AllWave® Premium 900 µm PVC Buffered Optical Fiber

P/N: C85449 + Colors



AllWave Premium 900 µm



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 ( $125 \pm 1 \mu\text{m}$ ) 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 Premium Single-mode Optical Fiber (G.652.D) 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.



A Furukawa Company

# AllWave® Premium 900 µm PVC Buffered Optical Fiber

P/N: C85449 + Colors

## Product Specifications

### Physical Characteristics

Optical Fiber AllWave Premium G.652.D  
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 8.8 - 9.6 µm

Mode Field Diameter @ 1550 nm 9.9 - 10.9 µm

### Mechanical and Environmental

Operating Temperature -20 to +70 °C

Environmentally Friendly RoHS Compliant and Heavy Metal Free

Part Number	Description	Buffer Color
C85449-Blue	AllWave Premium 900µm LS PVC Tight Buffer	Blue
C85449-Orange	AllWave Premium 900µm LS PVC Tight Buffer	Orange
C85449-Green	AllWave Premium 900µm LS PVC Tight Buffer	Green
C85449-Brown	AllWave Premium 900µm LS PVC Tight Buffer	Brown
C85449-Slate (Gray)	AllWave Premium 900µm LS PVC Tight Buffer	Slate
C85449-White	AllWave Premium 900µm LS PVC Tight Buffer	White
C85449-Red	AllWave Premium 900µm LS PVC Tight Buffer	Red
C85449-Black	AllWave Premium 900µm LS PVC Tight Buffer	Black
C85449-Yellow	AllWave Premium 900µm LS PVC Tight Buffer	Yellow

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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