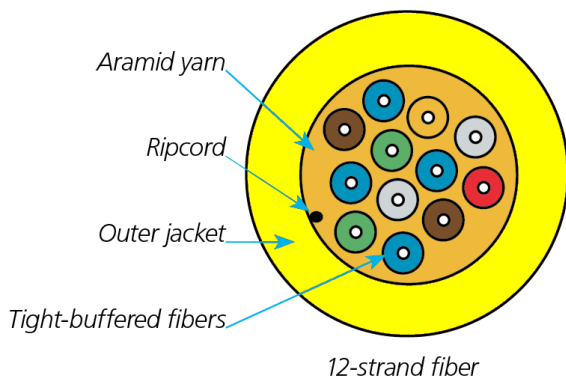


## Product Data Sheet

# OS2 9/125 Single-Mode Bulk Fiber Optic Cable, Indoor, Distribution Style - Tight Buffered, OFNR, Custom Length



### Optical Specifications

		6-Fiber	12-Fiber	24-Fiber
Maximum Attenuation (dB/km)	850 nm		N/A	
	1300 nm		0.5	
	1550 nm		0.5	
Overfill Launch Minimum Bandwidth (MHz/km)	850 nm		N/A	
	1300 nm		N/A	
EMB (MHz/km)			N/A	
Gigabit Ethernet Minimum Link Distance (meters)	850 nm		N/A	
	1300 nm		5000	
10 Gigabit Minimum Link Distance (meters)	850 nm		N/A	
	1300 nm		10,000	

### Ordering Information

Item	Code
OS2 9/125 Single-Mode Bulk Fiber Optic Cable, Indoor, Distribution Style - Tight Buffered, OFNR, Custom Length	
6-fiber	<b>FOBC45-INSM-YL-06F</b>
12-fiber	<b>FOBC45-INSM-YL-12F</b>
24-fiber	<b>FOBC45-INSM-YL-24F</b>

### Approvals

- Tested to meet or exceed EIA/TIA568-B3 and Telcordia® GR-409-CORE.
- Compliant to Directive 2002/95/EC (RoHS).
- SR-15e Bend Insensitive (ITU G.657.A).
- IEC® 60793-2-50 for B1.3.
- UL® 1666 Riser Rated (OFNR).

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FOBC45-INSM-YL-XXF\_ds\_Rev2.pdf

### Mechanical Specifications

	6-Fiber	12-Fiber	24-Fiber
Nominal Diameter - Inches (mm)	0.17 (4.4)	0.22 (5.5)	0.34 (8.5)
Weight - LBS / 1000FT (KG/KM)	12 (17)	17 (25)	41 (61)
Tension LBS (N) - Installation	100 (440)	100 (440)	150 (660)
Tension LBS (N) - Long Term	30 (132)	30 (132)	45 (198)
Bending Radius Inches (CM) - Installation	3.0 (7.2)	3.5 (8.3)	5.5 (12.9)
Bending Radius Inches (CM) - Long term	2.0 (5.0)	2.5 (5.5)	3.5 (8.6)
Temperature Range - Operating/Installation	-4 to 158° F (-20 to 70° C)		
Temperature Range - Storage	-40 to +167° F (-40 to +75° C)		