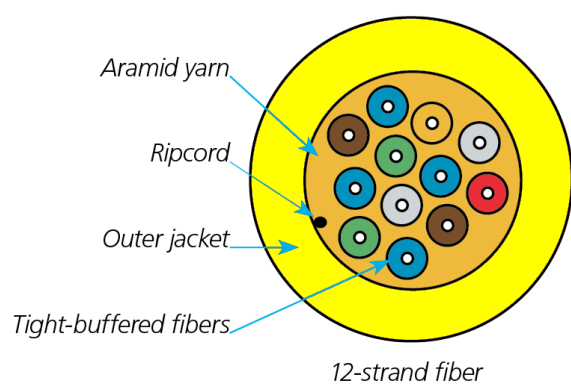


Product Data Sheet

OS2 9/125 Single-Mode Bulk Fiber Optic Cable, Indoor, Distribution Style - Tight Buffered, OFNP, 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 Fiber Optic Cable, Indoor, Distribution Style - Tight Buffered, OFNP, Custom Length	
6-fiber	FOBC55-INSM-YL-06F
12-fiber	FOBC55-INSM-YL-12F
24-fiber	FOBC55-INSM-YL-24F

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)	13 (20)	20 (30)	46 (69)
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	32 to 158° F (0 to 70° C)		
Temperature Range - Storage	-40 to +167° F (-40 to +75° C)		

Approvals

- Tested to meet or exceed ANSI®/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.
- NFPA® 262 Rated (OFNP).

Disclaimer:

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

© Copyright 2015, 2022, Black Box Corporation. All rights reserved. Black Box® and the Double Diamond logo are registered trademarks of BB Technologies, Inc.

Any third-party trademarks appearing in this publication are acknowledged to be the property of their respective owners.

FOBC55-INSM-YL-XXF_ds_Rev2.pdf