

GJPFJH INDOOR TIGHT BUFFER FIBER DISTRIBUTION CABLE MM OM4 550 4/6/8/12 CORES KEVLAR STRENGTH MEMBER LSZH MAGENTA



FC-32-00204-M4



FC-32-00205-M6



FC-32-00206-M8



FC-32-00207-M12

Product Overview

The FiberCore Indoor Distribution Cable GJPFJH is a high-performance multi-mode OM4 fiber solution optimized for ultra-fast data transmission and extended reach at 850nm. Built with tight-buffered 50/125µm fibers, Kevlar strength members, and a flame-retardant LSZH magenta jacket, this cable ensures reliable and flexible connectivity across 4, 6, 8, or 12-core indoor applications.

Features

- G.651.1 bend-insensitive fiber for tight bends and indoor routing
- LSZH (Low Smoke Zero Halogen) jacket for fire safety and low toxicity
- Compact and lightweight design for easy indoor installation
- Easy to strip and terminate for fast setup
- Stable and reliable signal transmission
- Compatible with standard FTTH connectors and termination boxes

Applications

- Indoor Backbone and Horizontal Cabling – Ensures reliable fiber distribution across multiple floors within buildings.
- Data Centers – Used for patching, cross-connections, and inter-rack cabling.
- Telecommunication Rooms – Connects optical distribution frames (ODFs) to network equipment.
- Campus Networks – Supports LAN, WAN, and FTTH/FTTB/FTTO deployments in indoor environments.
- Device Connections – Enables direct termination to switches, routers, servers, and optical devices.
- High-Density Installations – Suitable for offices, hospitals, schools, and enterprise facilities requiring multi-core fiber distribution.



Want to know more about FiberCore?

For more information visit www.fibercore-plus.com or contact sales@fibercore-plus.com

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Technical Specifications

No.	Items	Unit	Specification	
			10G-550	
1	Core Diameter	μm	50±2.5	
2	Cladding Diameter	μm	125±1.0	
3	Core Non-Circularity	%	≤5.0	
4	Cladding Non-Circularity	%	≤1.0	
5	Core-Cladding Concentricity Error	μm	≤1.0	
6	Coating Diameter	μm	245±7	
7	Coating Non-Circularity	%	≤6.0	
8	Cladding-Coating Concentricity Error	μm	≤12.0	
9	OFL Bandwidth	850nm	MHz·km	≥3500
		1300nm	MHz·km	≥500
10	Effective Modal Bandwidth	850nm	MHz·km	≥4700
		1300nm	MHz·km	≥500
11	Attenuation Coefficient	850nm	dB/km	≤2.3
		1300nm	dB/km	≤0.6

Cable Parameters

Items		Specifications			
Fiber Count		4	6	8	12
Tight-Buffered Fiber	Diameter	900μm±50μm			
	Material	PVC			
	Color	 Blue, Orange, Green, Brown,	 Blue, Orange, Green, Brown, Gray, White	 Blue, Orange, Green, Brown, Gray, White, Red, Black,	 Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Strength Member		Kevlar			
Jacket	Diameter	5.0±0.3mm	5.0±0.3mm	6.5±0.3mm	6.5±0.3mm
	Material	LSZH			
	Color	Magenta			



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■ Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	200
Tension (Short Term)	N	300
Crush (Long Term)	N/10cm	200
Crush (Short Term)	N/10cm	600
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-20~+60

■ Ordering Information

Description	Part No.
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM4 G.651.1 Aramid Yarn LSZH 4 CORE	FC-32-00204-M4
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM4 G.651.1 Aramid Yarn LSZH 6 CORE	FC-32-00205-M6
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM4 G.651.1 Aramid Yarn LSZH 8 CORE	FC-32-00206-M8
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM4 G.651.1 Aramid Yarn LSZH 12 CORE	FC-32-00207-M12



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