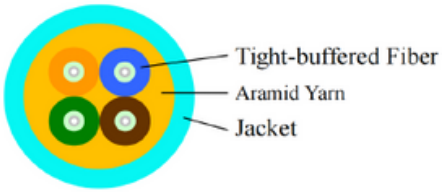
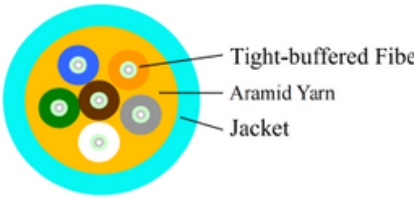
FIBERCORE
CONNECTING CORE TO THE WORLD

GJPFJH INDOOR TIGHT BUFFER FIBER DISTRIBUTION CABLE MM OM3-300 4/6/8/12 CORES KEVLAR STRENGTH MEMBER LSZH AQUA



FC-32-00204-A4



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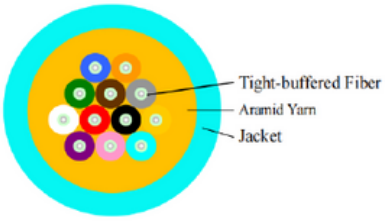

FC-32-00207-A12

Product Overview

The FiberCore Indoor Distribution Cable GJPFJH is a multi-mode OM3-300 fiber solution engineered for high-speed data transmission with extended bandwidth performance at 850nm. Featuring tight-buffered 50/125μm fibers, Kevlar strength members, and an LSZH aqua jacket, this cable offers flexible and durable connectivity in 4, 6, 8, or 12-core indoor configurations.

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.

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Technical Specifications

No.	Items		Unit	Specification
				10G-300
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	≥1500
		1300nm	MHz·km	≥500
10	Effective Modal Bandwidth	850nm	dB/km	≥2000
		1300nm	dB/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	Aqua			

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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	℃	-20～+60

Ordering Information

Description	Part No.
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM3 G.651.1 Aramid Yarn LSZH **4 CORE**	FC-32-00204-A4
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM3 G.651.1 Aramid Yarn LSZH **6 CORE**	FC-32-00205-A6
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM3 G.651.1 Aramid Yarn LSZH **8 CORE**	FC-32-00206-A8
GJPFJH Indoor Tight Buffer Fiber Distribution Cable OM3 G.651.1 Aramid Yarn LSZH **12 CORE**	FC-32-00207-A12