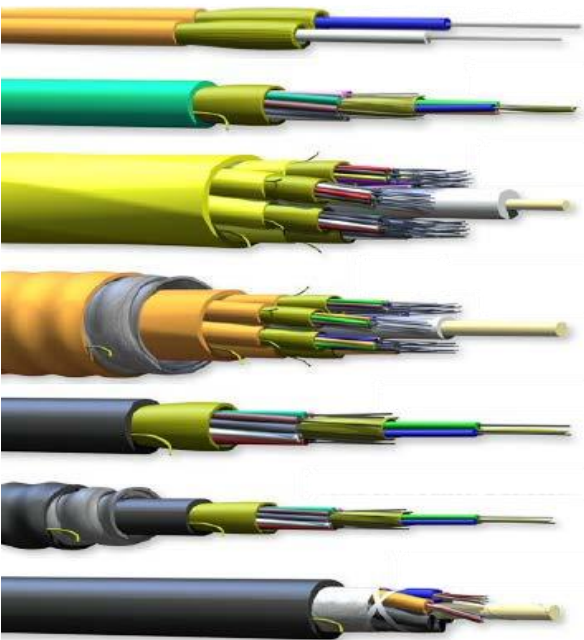


Fiber Optical Cabling Infrastructure Offer



① High-Speed Fiber Cabling Systems

FS.COM offers an extensive line of off the shelf bulk fiber optic cable to meet high bandwidth demand in Local Area Network (LAN) campus and building backbones as well as Data Center backbones.

② Well-designed Cabling Infrastructure

With the highest fiber density relative to cable size, maximize use of pathway and spaces, and facilitate ease of termination, a properly Infrastructure can better accomplish people's need for productivity and innovation.

③ Prefect Data Center Solutions

FS.COM offer a cost-effective and best-in-class data center solution towards more universal and rapid broadband networks varying from data transmission to cable management.

OEM and Custom

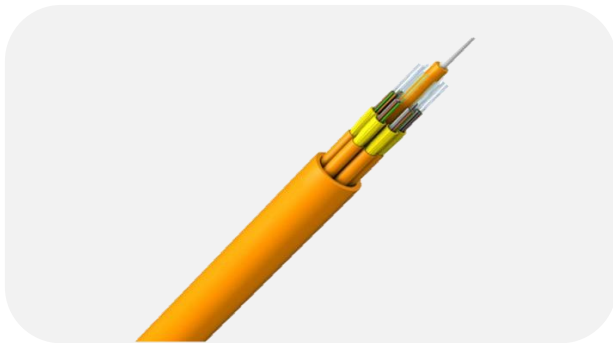
- Cable Structure
 - Tight-buffered, Loose tube, Armored
- Flammability Rating
 - Riser (OFNR)
 - LSZH (Low smoke zero halogen)
 - Plenum (OFNP)
- Fiber Type
 - SM OS2, MM,10G OM3, 10G OM4
- Fiber Count
 - 2~144 Fibers
- Jacket Color
 - Yellow, orange, aqua, customized

Indoor Cable

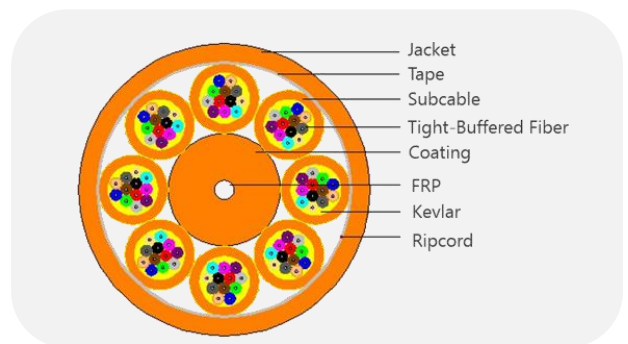
Unitized Tight-Buffered Distribution Cable GJPFJH

Tight Buffered Distribution Cable contains several tight-buffered fibers bundled under the same jacket with kevlar strength members and sometimes fiberglass rod reinforcement to stiffen the cable and prevent kinking. Since the fibers are not individually reinforced, these cables need to be terminated inside a fiber enclosure to protect individual fibers and for distribution use in datacenter

Tight-Buffered Distribution Cable GJPFJH



Inner Structure GJPFJH



Features and Benefits

- Features and Benefits
- Unitized design for distributing cables
- 900µm tight buffered fibers can be directly terminated
- FRP central strength member, some fiber counts also have fillers or coatings as strength member
- Flexible, flame-retardant & color coded outer jacket
- Optical communication cables direct terminated to fiber enclosures

Application

- For premises wiring
- As backbone in LANs
- Internal cable for horizontal distribution or riser applications

Technical Specification

Parameter	Unit	Life Cycle	12F	24F	48F	96F	144F
Minimum Tensile Strength	N	short term	1320	1320	1320	1320	1320
		long term	400	400	400	400	400
Minimum Crush Load	N/100mm	short term	1000	1000	1000	1000	1000
		long term	200	200	200	200	200
Minimum Bending Radius	MM	short term	20D	20D	20D	20D	20D
		long term	10D	10D	10D	10D	10D
Storage Temperature	°C	-5 to +50					

Optical Characteristic

Parameter	Unit	G.652	Wavelength	OM1	OM2	OM3	OM4	
Attenuation	dB/km	1310nm	≤0.40	850nm	≤3.5	≤3.5	≤3.5	≤3.5
		1550nm	≤0.30	1300nm	≤1.5	≤1.5	≤1.5	≤1.5
		1625nm	≤0.40					
Bandwidth	MHz	-	-	850nm	≥500	≥1500	≥200	≥200
	km	-	-	1300nm	≥500	≥500	≥500	≥500

Order Information

Unitized, Riser, Tight-Buffered Distribution Cable GJPFJH

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
Singlemode 9/125 OS2				
12F	GJPFJH-OS2-12FR	Riser	11.8	129
24F	GJPFJH-OS2-24FR	Riser	12.5	186
48F	GJPFJH-OS2-48FR	Riser	16.5	251
96F	GJPFJH-OS2-96FR	Riser	22.8	442
144F	GJPFJH-OS2-144FR	Riser	26.4	790
Multimode 62.5/125 OM1				
12F	GJPFJH-OM1-12FR	Riser	11.8	129
24F	GJPFJH-OM1-24FR	Riser	12.5	186
48F	GJPFJH-OM1-48FR	Riser	16.5	251
96F	GJPFJH-OM1-96FR	Riser	22.8	442
144F	GJPFJH-OM1-144FR	Riser	26.4	790
Multimode 50/125 OM2				
12F	GJPFJH-OM2-12FR	Riser	11.8	129
24F	GJPFJH-OM2-24FR	Riser	12.5	186
48F	GJPFJH-OM2-48FR	Riser	16.5	251
96F	GJPFJH-OM2-96FR	Riser	22.8	442
144F	GJPFJH-OM2-144FR	Riser	26.4	790
Multimode 50/125 OM3				
12F	GJPFJH-OM3-12FR	Riser	11.8	129
24F	GJPFJH-OM3-24FR	Riser	12.5	186
48F	GJPFJH-OM3-48FR	Riser	16.5	251

96F	GJPFJH-OM3-96FR	Riser	22.8	442
144F	GJPFJH-OM3-144FR	Riser	26.4	790

Multimode 50/125 OM4

12F	GJPFJH-OM4-12FR	Riser	11.8	129
24F	GJPFJH-OM4-24FR	Riser	12.5	186
48F	GJPFJH-OM4-48FR	Riser	16.5	251
96F	GJPFJH-OM4-96FR	Riser	22.8	442
144F	GJPFJH-OM4-144FR	Riser	26.4	790

Order Information

Unitized, LSZH, Tight-Buffered Distribution Cable GJPFJH

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
Singlemode 9/125 OS2				
12F	GJPFJH-OS2-12FL	LSZH	11.8	129
24F	GJPFJH-OS2-24FL	LSZH	12.5	186
48F	GJPFJH-OS2-48FL	LSZH	16.5	251
96F	GJPFJH-OS2-96FL	LSZH	22.8	442
144F	GJPFJH-OS2-144FL	LSZH	26.4	790
Multimode 62.5/125 OM1				
12F	GJPFJH-OM1-12FL	LSZH	11.8	129
24F	GJPFJH-OM1-24FL	LSZH	12.5	186
48F	GJPFJH-OM1-48FL	LSZH	16.5	251
96F	GJPFJH-OM1-96FL	LSZH	22.8	442
144F	GJPFJH-OM1-144FL	LSZH	26.4	790
Multimode 50/125 OM2				
12F	GJPFJH-OM2-12FL	LSZH	11.8	129
24F	GJPFJH-OM2-24FL	LSZH	12.5	186
48F	GJPFJH-OM2-48FL	LSZH	16.5	251
96F	GJPFJH-OM2-96FL	LSZH	22.8	442
144F	GJPFJH-OM2-144FL	LSZH	26.4	790
Multimode 50/125 OM3				
12F	GJPFJH-OM3-12FL	LSZH	11.8	129
24F	GJPFJH-OM3-24FL	LSZH	12.5	186
48F	GJPFJH-OM3-48FL	LSZH	16.5	251

96F	GJPFJH-OM3-96FL	LSZH	22.8	442
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144F	GJPFJH-OM3-144FL	LSZH	26.4	790
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Multimode 50/125 OM4

12F	GJPFJH-OM4-12FL	LSZH	11.8	129
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24F	GJPFJH-OM4-24FL	LSZH	12.5	186
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48F	GJPFJH-OM4-48FL	LSZH	16.5	251
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96F	GJPFJH-OM4-96FL	LSZH	22.8	442
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144F	GJPFJH-OM4-144FL	LSZH	26.4	790
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Order Information

Unitized, Plenum, Tight-Buffered Distribution Cable GJPFJH

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
Singlemode 9/125 OS2				
12F	GJPFJH-OS2-12FP	Plenum	11.8	129
24F	GJPFJH-OS2-24FP	Plenum	12.5	186
48F	GJPFJH-OS2-48FP	Plenum	16.5	251
96F	GJPFJH-OS2-96FP	Plenum	22.8	442
144F	GJPFJH-OS2-144FP	Plenum	26.4	790
Multimode 62.5/125 OM1				
12F	GJPFJH-OM1-12FP	Plenum	11.8	129
24F	GJPFJH-OM1-24FP	Plenum	12.5	186
48F	GJPFJH-OM1-48FP	Plenum	16.5	251
96F	GJPFJH-OM1-96FP	Plenum	22.8	442
144F	GJPFJH-OM1-144FP	Plenum	26.4	790
Multimode 50/125 OM2				
12F	GJPFJH-OM2-12FP	Plenum	11.8	129
24F	GJPFJH-OM2-24FP	Plenum	12.5	186
48F	GJPFJH-OM2-48FP	Plenum	16.5	251
96F	GJPFJH-OM2-96FP	Plenum	22.8	442
144F	GJPFJH-OM2-144FP	Plenum	26.4	790
Multimode 50/125 OM3				
12F	GJPFJH-OM3-12FP	Plenum	11.8	129
24F	GJPFJH-OM3-24FP	Plenum	12.5	186
48F	GJPFJH-OM3-48FP	Plenum	16.5	251

96F	GJPFJH-OM3-96FP	Plenum	22.8	442
144F	GJPFJH-OM3-144FP	Plenum	26.4	790

Multimode 50/125 OM4

12F	GJPFJH-OM4-12FP	Plenum	11.8	129
24F	GJPFJH-OM4-24FP	Plenum	12.5	186
48F	GJPFJH-OM4-48FP	Plenum	16.5	251
96F	GJPFJH-OM4-96FP	Plenum	22.8	442
144F	GJPFJH-OM4-144FP	Plenum	26.4	790



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