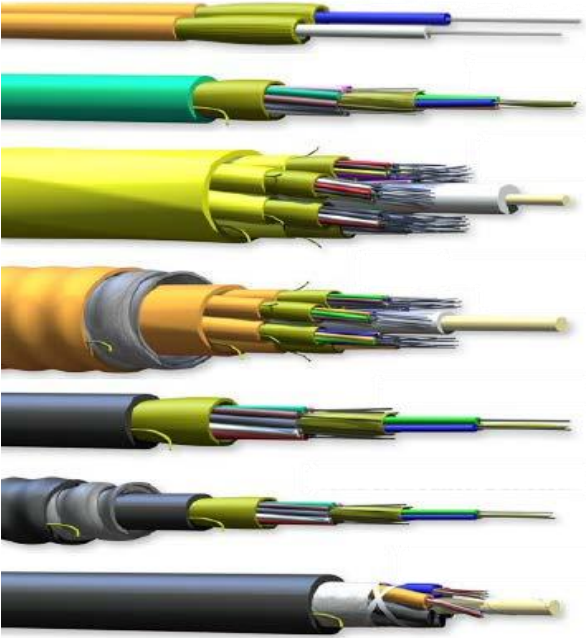


Fiber Optical Cabling Infrastructure Offer



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

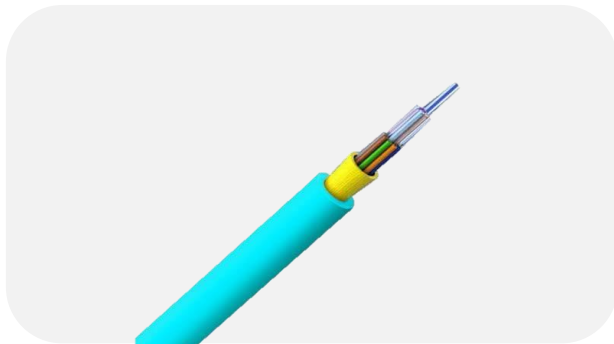
- Cable Structure
 - Tight-buffered, Loose tube, Armored
- Flammability Rating
 - Riser (OFNR)
 - LSZH (Low smoke zero halogen)
 - Plenum (OFNP)
- Fiber Type
 - SM OS2, MM,10G OM3, 10G OM4
- Fiber Count
 - 2~144 Fibers
- Jacket Color
 - Yellow, orange, aqua, customized

Indoor Cable

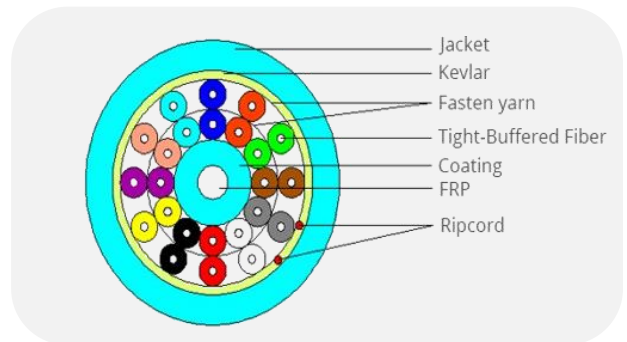
Non-unitized Tight-buffered Distribution Cable-GJPFJV

Tight-Buffered Distribution Cable contains several tight-buffered fibers bundled under the same jacket with kevlar strength members to stiffen the cable and prevent kinking. The cable is Light weight, softness and easy to peel. With FRP central strength member, It is much more durable than the GJFJV cables and also can be used as pigtailed and jumpers for communication equipments.

Tight-buffered Indoor Cable-GJPFJV



Inner Structure-GJPFJV



Features and Benefits

- Light weight and compact
- 900 μ m tight-buffered fibers can be directly terminated
- Flexible, flame-retardant & color coded outer jacket
- FRP central strength member
- Can be deployed in building backbone and horizontal cabling
- Suitable for high-rise construction, office buildings

Application

- For premises wiring
- Work as pigtailed and patch cords
- As backbone in LANs
- Optical communication cables for inside plant installations

Technical Specification-GJPFJV

Parameter	Unit	Life Cycle	12F	24F
Minimum Tensile Strength	N	short term	440	1780
		long term	110	534
Minimum Crush Load	N/100mm	short term	1000	1000
		long term	200	200
Minimum Bending Radius	MM	Dynamic	20D	20D
		Static	10D	10D
Storage Temperature	°C	-5 to +50		

Optical Characteristic-GJPFJV

Parameter	Unit	G.652		62.5/125μm		50/125μm	
Attenuation	dB/km	1310nm	≤0.36	850nm	≤3.0	850nm	≤3.5
		1550nm	≤0.22	1300nm	≤1.0	1300nm	≤1.5
Bandwidth	MHz-km	-	-	850nm	≥1500	850nm	≥3500
		-	-	1300nm	≥500	1300nm	≥500
Numerical Aperture	NA			0.200±0.015		0.275±0.015	

Indoor Cable

Non-unitized Tight-buffered Distribution Cable-GJFJV

Tight-Buffered Distribution Cable contains several tight-buffered fibers bundled under the same jacket with kevlar strength members to stiffen the cable and prevent kinking. With aramid yarn as a reinforcing member, the cable is Light weight, softness and easy to peel. It is widely used as pigtails and jumpers for communication equipments.

Tight-buffered Indoor Cable-GJFJV



Inner Structure-GJFJV



Features and Benefits

- Light weight and compact
- 900µm tight-buffered fibers can be directly terminated
- Flexible, flame-retardant & color coded outer jacket
- Non-unitized designs provide space savings and cost advantages
- Can be deployed in building backbone and horizontal cabling

Application

- For premises wiring
- Work as pigtails and patch cords
- Suitable for indoor use, communication equipment
- Optical communication cables for inside plant installations

Technical Specification-GJFJV

Parameter	Unit	Life Cycle	4F	6F	8F	12F	24F
Minimum Tensile Strength	N	short term	600	600	600	600	600
		long term	200	200	200	200	200
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	-20 to +60					

Optical Characteristic-GJFJV

Parameter	Unit	G.652D		50/125μm		62.5/125μm	
Attenuation	0dB/km	1310nm	≤0.36	850nm	≤3.0	850nm	≤3.0
		1550nm	≤0.22	1300nm	≤1.0	1300nm	≤1.0
Bandwidth	MHz·km			850nm	≥600	850nm	≥200
				1300nm	≥1200	1300nm	≥600
Numerical Aperture	NA			0.200±0.015		0.275±0.015	

Order Information

Non-unitized, Riser, Plenum Tight-buffered Distribution Cable-GJPFJV

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
Singlemode 9/125 OS2				
24F	GJPFJV-OS2-24FR	Riser	8.5	70
Multimode 62.5/125 OM1				
24F	GJPFJV-OM1-24FR	Riser	8.5	70
Multimode 50/125 OM2				
24F	GJPFJV-OM2-24FR	Riser	8.5	70
Multimode 50/125 OM3				
12F	GJPFJV-OM3-12FP	Plenum	4.8	38
24F	GJPFJV-OM3-24FR	Riser	8.5	70
Multimode 50/125 OM4				
12F	GJPFJV-OM4-12FP	Plenum	4.8	38
24F	GJPFJV-OM4-24FR	Riser	8.5	70

Order Information

Non-unitized, Riser, Tight-buffered Distribution Cable-GJFJV

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
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Singlemode 9/125 OS2

4F	GJFJV-OS2-4FR	Riser	4	25
6F	GJFJV-OS2-6FR	Riser	4	26
8F	GJFJV-OS2-8FR	Riser	5	32
12F	GJFJV-OS2-12FR	Riser	6	38
24F	GJFJV-OS2-24FR	Riser	8	60

Multimode 62.5/125 OM1

4F	GJFJV-OM1-4FR	Riser	4	25
6F	GJFJV-OM1-6FR	Riser	4	26
8F	GJFJV-OM1-8FR	Riser	5	32
12F	GJFJV-OM1-12FR	Riser	6	38
24F	GJFJV-OM1-24FR	Riser	8	60

Multimode 50/125 OM2

4F	GJFJV-OM2-4FR	Riser	4	25
6F	GJFJV-OM2-6FR	Riser	4	26
8F	GJFJV-OM2-8FR	Riser	5	32
12F	GJFJV-OM2-12FR	Riser	6	38
24F	GJFJV-OM2-24FR	Riser	8	60

Multimode 50/125 OM3

4F	GJFJV-OM3-4FR	Riser	4	25
6F	GJFJV-OM3-6FR	Riser	4.	26
8F	GJFJV-OM3-8FR	Riser	5	32
12F	GJFJV-OM3-12FR	Riser	6	38
24F	GJFJV-OM3-24FR	Riser	8	60

Multimode 50/125 OM4

4F	GJFJV-OM4-4FR	Riser	4	25
6F	GJFJV-OM4-6FR	Riser	4.	26
8F	GJFJV-OM4-8FR	Riser	5	32
12F	GJFJV-OM4-12FR	Riser	6	38
24F	GJFJV-OM4-24FR	Riser	8	60

Order Information

Non-unitized, LSZH, Tight-buffered Distribution Cable-GJFJV

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
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Singlemode 9/125 OS2

4F	GJFJV-OS2-4FL	LSZH	4	25
6F	GJFJV-OS2-6FL	LSZH	4	26
8F	GJFJV-OS2-8FL	LSZH	5	32
12F	GJFJV-OS2-12FL	LSZH	6	38
24F	GJFJV-OS2-24FL	LSZH	8	60

Multimode 62.5/125 OM1

4F	GJFJV-OM1-4FL	LSZH	4	25
6F	GJFJV-OM1-6FL	LSZH	4	26
8F	GJFJV-OM1-8FL	LSZH	5	32
12F	GJFJV-OM1-12FL	LSZH	6	38
24F	GJFJV-OM1-24FL	LSZH	8	60

Multimode 50/125 OM2

4F	GJFJV-OM2-4FL	LSZH	4	25
6F	GJFJV-OM2-6FL	LSZH	4	26
8F	GJFJV-OM2-8FL	LSZH	5	32
12F	GJFJV-OM2-12FL	LSZH	6	38
24F	GJFJV-OM2-24FL	LSZH	8	60

Multimode 50/125 OM3

4F	GJFJV-OM3-4FL	LSZH	4	25
6F	GJFJV-OM3-6FL	LSZH	4	26
8F	GJFJV-OM3-8FL	LSZH	5	32
12F	GJFJV-OM3-12FL	LSZH	6	38
24F	GJFJV-OM3-24FL	LSZH	8	60

Multimode 50/125 OM4

4F	GJFJV-OM4-4FL	LSZH	4	25
6F	GJFJV-OM4-6FL	LSZH	4	26
8F	GJFJV-OM4-8FL	LSZH	5	32
12F	GJFJV-OM4-12FL	LSZH	6	38
24F	GJFJV-OM4-24FL	LSZH	8	60

Order Information

Non-unitized, Plenum, Tight-buffered Distribution Cable-GJFJV

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
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Multimode 50/125 OM3

4F	GJFJV-OM3-4FP	Plenum	4	25
6F	GJFJV-OM3-6FP	Plenum	4	26
8F	GJFJV-OM3-8FP	Plenum	5	32
12F	GJFJV-OM3-12FP	Plenum	6	38
24F	GJFJV-OM3-24FP	Plenum	8	60

Multimode 50/125 OM4

4F	GJFJV-OM4-4FP	Plenum	4	25
6F	GJFJV-OM4-6FP	Plenum	4	26
8F	GJFJV-OM4-8FP	Plenum	5	32
12F	GJFJV-OM4-12FP	Plenum	6	38
24F	GJFJV-OM4-24FP	Plenum	8	60



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