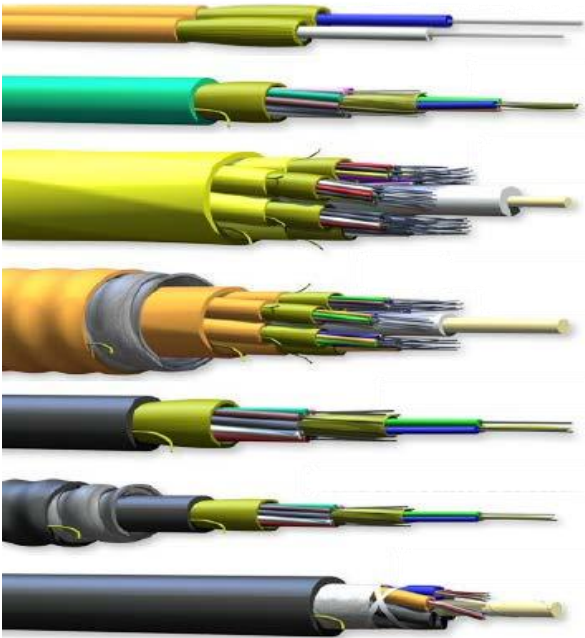


Fiber Optical Cabling Infrastructure Offer



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

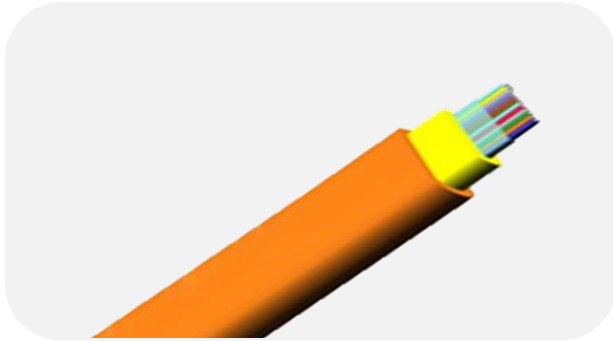
Indoor Cable

Non-Armor, Multi-core, Indoor Ribbon Cable

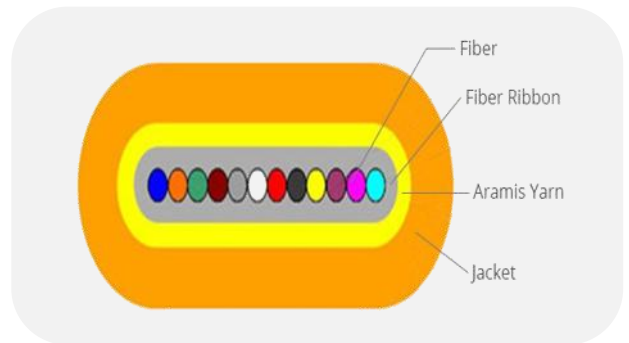
These cables are organized with 8/12-fiber ribbons inside a central tube that are surrounded by dielectric strength members and a specially formulated flame-retardant outer jacket.

They could work as MTP ribbon cables and breakout cables when terminated with different connectors. This cable is suitable for indoor cabling and access network application.

Indoor Ribbon Cable- GJFDBV



Inner Structure-GJFDBV



Features and Benefits

- Good mechanical and environmental performance
- Excellent transmission performance
- Support large-capacity data transmission, 4-12 Fibers are available
- LSZH Jacket keep the cable a good performance of fire-resistant
- Aramid yarn ensure the cable a superior performance of tensile strength
- All dielectric structure design, without electromagnetic induction effect

Application

- FTTH optical cable, Inter connect cables
- High density interconnection of MT or MTP connectors
- Indoor and outdoor point to point
- Direct connectorization
- Internal wiring in cable trays

Technical Specification

Parameter	Unit	Life Cycle	2F	4F	6F	8F	12F	24F
Minimum Tensile Strength	N	short term	1500	1500	1500	1500	1500	1500
		long term	600	600	600	600	600	600
Minimum Crush Load	N/100mm	short term	1000	1000	1000	1000	1000	1000
		long term	300	300	300	300	300	300
Minimum Bending Radius	MM	short term	20D	20D	20D	20D	20D	20D
		long term	10D	10D	10D	10D	10D	10D
Storage Temperature	°C	-20 to +60						

Optical Characteristic

Parameter	Unit	G.652		50/125μm		62.5/125μm	
Attenuation	dB/km	1310nm	≤0.36	850nm	≤3.0	850nm	≤3.0
		1550nm	≤0.22	1300nm	≤1.0	1300nm	≤1.0
Bandwidth	MHz-k m	-	-	850nm	≥600	850nm	≥200
		-	-	1300nm	≥1200	1300nm	≥600
Numerical Aperture	NA	-		0.200±0.015		0.275±0.015	
Cable Cut-off Wavelength	λ _{cc} (nm)	≤1260		-		-	

Order Information

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

4F	GJFDBV-OS2-4FL	LSZH	3.5mm	15
6F	GJFDBV-OS2-6FL	LSZH	4.0mm	17
8F	GJFDBV-OS2-8FL	LSZH	4.5mm	17
12F	GJFDBV-OS2-12FL	LSZH	4.8mm	20
24F	GJFDBV-OS2-24FL	LSZH	5.2mm	22

Multimode 62.5/125 OM1

4F	GJFDBV-OM1-4FL	LSZH	3.5mm	15
6F	GJFDBV-OM1-6FL	LSZH	4.0mm	17
8F	GJFDBV-OM1-8FL	LSZH	4.5mm	17
12F	GJFDBV-OM1-12FL	LSZH	4.8mm	20
24F	GJFDBV-OM1-24FL	LSZH	5.2mm	22

Multimode 50/125 OM2

4F	GJFDBV-OM2-4FL	LSZH	3.5mm	15
6F	GJFDBV-OM2-6FL	LSZH	4.0mm	17
8F	GJFDBV-OM2-8FL	LSZH	4.5mm	17
12F	GJFDBV-OM2-12FL	LSZH	4.8mm	20
24F	GJFDBV-OM2-24FL	LSZH	5.2mm	22

Order Information

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

4F	GJFDBV-OM3-4FL	LSZH	3.5mm	15
6F	GJFDBV-OM3-6FL	LSZH	4.0mm	17
8F	GJFDBV-OM3-8FL	LSZH	4.5mm	17
12F	GJFDBV-OM3-12FL	LSZH	4.8mm	20
24F	GJFDBV-OM3-24FL	LSZH	5.2mm	22

Multimode 50/125 OM4

4F	GJFDBV-OM4-4FL	LSZH	3.5mm	15
6F	GJFDBV-OM4-6FL	LSZH	4.0mm	17
8F	GJFDBV-OM4-8FL	LSZH	4.5mm	17
12F	GJFDBV-OM4-12FL	LSZH	4.8mm	20
24F	GJFDBV-OM4-24FL	LSZH	5.2mm	22



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