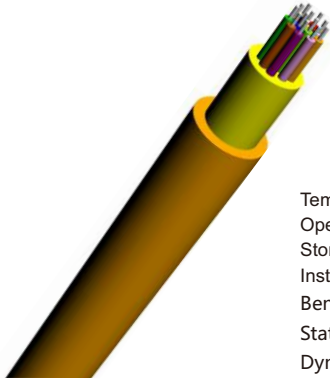


## GJFJV Multi-Purpose Distribution Cable



Temperature Range  
 Operating : -40°C to +70°C  
 Storage : -50°C to +70°C  
 Installation : -30°C to +70°C  
 Bending Radius:  
 Static 10D  
 Dynamic 20D

### Description

GJFJV Multi-Purpose Distribution cable use several  $\Phi 900\mu\text{m}$  flame-retardant tightbuffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PVC or LSZH(Low smoke, Zero halogen, Flame-retardant) jacket.

### Standards

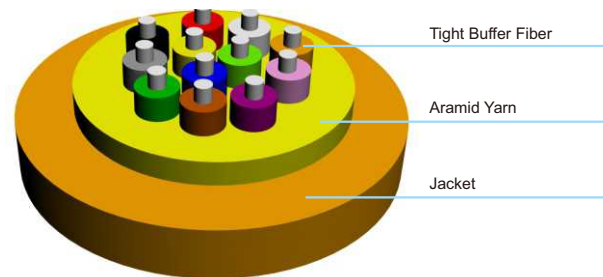
Comply with Standard YD/T 1258.4, ICEA-596, GR-409, IEC 60794-2-20/21, etc; and PVC cable meet the requirements of UL approval OFNR and OFNP. Different LSZH jacket meet IEC 60332-1 or IEC 60332-3C.

### Characteristics

Tight buffer fiber easy of stripping.  
 Tight buffer fiber have excellent flame-retardant performance.  
 Aramid yarn as strength member make cable have excellent tensile strength.  
 The outer jacket material have many advantages such as anti-corrosion anti-water, anti-ultraviolet radiation, flame-retardant and harmless to environment etc.

### Applications

Indoor any purpose cable distribution.  
 Backbone distribution cable in a building.  
 Multi optical fiber jumper.



### Cable Structure

### Optical Characteristics

Fiber Type	Attenuation		Overfilled Launch Bandwidth	Effective Modal Bandwidth	10Gb/s Ethernet link length	Min Bending Radius
	1310/1550nm	850/1300nm				
Conditions	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
Unit	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22					16
G657A1	0.36/0.22					10
G657A2	0.36/0.22					7.5
50/125		3.0/1.0	$\geq 500/500$			30
62.2/125		3.0/1.0	$\geq 200/500$			30
OM3		3.0/1.0	$\geq 1500/500$	$\geq 2000$	$\geq 300$	30
OM4		3.0/1.0	$\geq 3500/500$	$\geq 4700$	$\geq 550$	30
BI-OM3		3.0/1.0	$\geq 1500/500$	$\geq 2000$	$\geq 300$	7.5
BI-OM4		3.0/1.0	$\geq 3500/500$	$\geq 4700$	$\geq 550$	7.5

### Structure and Technical Specifications

Fiber Count	Cable Diameter (mm)	Cable Weight (kg/km)		Tensile Strength (N/100mm)		Crush Resistance (N/100mm)	
		PVC Jacket	LSZH Jacket	Short Term	Long Term	Short Term	Long Term
4	4.8±0.3	16	18	440	130	1000	300
6	5.1±0.3	20	23	440	130	1000	300
8	5.6±0.3	27	31	440	130	1000	300
12	6.2±0.3	32	36	440	130	1000	300
24	8.1±0.3	53	57	660	200	1000	300

**Note :** This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.