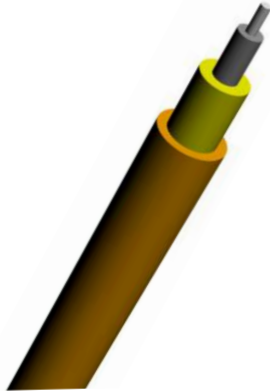


Simplex Cable



Temperature Range
 Operating : -40°C to +70°C
 Storage : -50°C to +70°C
 Installation : -30°C to +70°C
 Bending Radius:
 Static 30D
 Dynamic 60D

Description

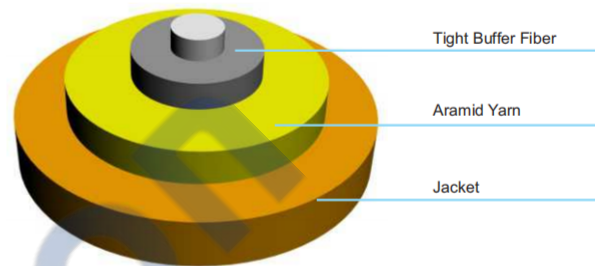
GJFJV Simplex cable use single $\Phi 900\mu\text{m}$ or $\Phi 600\mu\text{m}$ tight buffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

Standards

Comply with Standard YD/T 1258.2, ICEA-596, GR-409, IEC 60794-2-10/11, etc; and PVC cable meet the requirements of UL approval OFNR and OFNP; Different LSZH jacket meet IEC 60332-1 or IEC 60332-3C or OFNR certification.

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

Optical fiber jumper or pigtail.
 Indoor riser level and plenum level cable distribution.
 Interconnect between instruments, communication equipments.

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	1310/1550nm	850/1300nm	850/1300nm	850nm	850nm	
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	$\geq 1500/500$	≥ 2000	≥ 300	30
OM4		3.0/1.0	$\geq 3500/500$	≥ 4700	≥ 550	30
BI-OM3		3.0/1.0	$\geq 1500/500$	≥ 2000	≥ 300	7.5
BI-OM4		3.0/1.0	$\geq 3500/500$	≥ 4700	≥ 550	7.5

Structure and Technical Specifications

Cable Code	Cable Diameter (mm)	Cable Weight (kg/km)		TBF Diameter (μm)	Tensile Strength (N/100mm)		Crush Resistance (N/100mm)	
		PVC Jacket	LSZH Jacket		Short Term	Long Term	Short Term	Long Term
1.6	1.6 ± 0.2	2.4	2.6	600 ± 50	40	80	500	100
1.9	1.9 ± 0.2	3.5	4.5	900 ± 50	60	100	500	100
2.8	2.8 ± 0.2	6.0	7.5	900 ± 50	60	100	500	100

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