

Simplex cable

Description

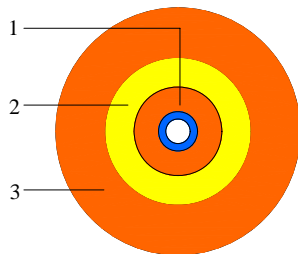
Tight-buffered fiber with 0.9mm outer diameter is often used in single-core indoor cables. The cable would be composed of fibers in the center, aramid yarns strengthened around and PVC or **Low Smoke Zero Halogen** (LSZH) as jacket.

Applications

- Used in optical communication equipment room and optical distribution frame connectors
- Used in optical apparatus connectors
- Used in tail and patch cord

Features

- Soft, flexible and easy to splice
- Flame retardant
- Big capacity data transmission



Type GJFJZY

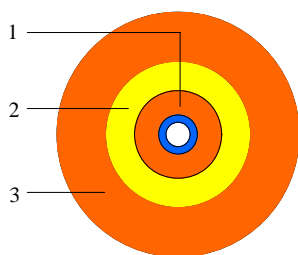
1. Tight-buffered Fiber
2. Aramid Yarn Strength Member
3. PVC Jacket

Cable Parameters

Fiber Count	Nominal Outer Dia. (mm)	Allowable Tension (N)		Allowable Crush (N/100mm)		Min. Bend Radius (mm)	
		Long Term	Short Term	Long Term	Short Term	Dynamic	Static
1	2.0	80	150	100	500	40	20
1	2.5	80	150	100	500	50	25
1	2.8	80	150	100	500	56	28
1	3.0	80	150	100	500	60	30

Environmental Characteristics

Grade	Range of Temperature (°C)		Allowable Additional Attenuation (dB/km)				
	Lower Limit T _A	Upper Limit T _B	B1.1	B2	B4	A1a	A1b
C	-20	+60	≤0.10			≤0.30	
D	-5	+60	≤0.10			≤0.30	



Type GJFJZY

1. Tight-buffered fiber
2. Aramid Yarn Strength Member
3. LSZH Jacket

Options

- Optical fiber : Single-mode(SM), 50μm or 62.5μm multimode(MM) fiber.
- Jacket: PVC Jacket or LSZH Jacket.
- Color of Jacket: For SM fiber, yellow is standard color. For MM fiber, orange is standard color. Or other contracted color.
- Outer diameter of Jacket: The nominal diameters are 2.0mm, 2.5mm, 2.8mm and 3.0mm. Or other contracted outer diameter.
- Delivery Length: The nominal length is 2km, or other contracted length.