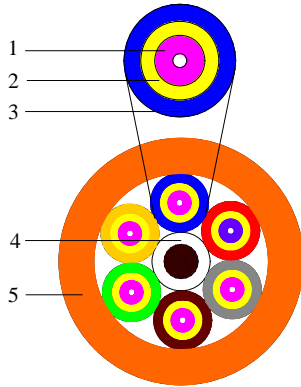


**Breakout cable with central strength element**

**Description**

Tight-buffered fibers with 0.9mm outer diameter are used. Single-core cords with different colors are twisted around the **Center Strength Member**(CSM). In each single-core cord, aramid yarns are used as peripherally strengthened components. PVC or LSZH are used as jacket and outer jacket.



GJFJZV - II

1. Tight-buffered Fiber
2. Aramid yarn Strength Member
3. PVC/LSZH Jacket
4. Center Strength Member
5. PVC Outer Jacket

**Applications**

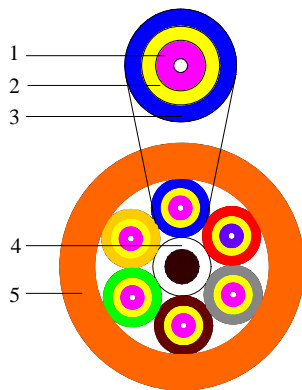
- Used in indoor cabling
- Used as transmission lines in communication & transmission network
- Used as connectors in data processing equipment and optical communication equipment
- Used in telecommunication equipment room and distribution frame

**Features**

- Easily separated into different simple-core cables
- Tight-buffered fibers, and easily connected.
- Flame retardant.
- Big capacity data transmitting

**Cable Parameters**

Number of Fibers	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
4~6	10.3	200	600	200	1000	206	103
8	12.8	200	600	200	1000	256	128
12	15.0	200	600	200	1000	300	150



GJFJZY - II

1. Tight-buffered Fiber
2. Aramid yarn Strength Member
3. PVC/LSZH Jacket
4. Center Strength Member
5. LSZH Outer Jacket

**Environmental Characteristics**

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

**Options**

- Optical fiber: Single-mode, 50μm or 62.5μm multimode fiber.
- Jacket: PVC jacket or LSZH jacket.
- Jacket color: For SM fiber, yellow is standard color. For MM fiber, orange is standard color. Or other contracted color.
- Outer diameter of jacket: The nominal diameter is 10.3mm, 12.8mm and 15.0mm. Or other contracted outer diameter.
- Delivery Length: The nominal length is 2km, or other contracted length.