



Distribution Tight Buffer fiber optic indoor cable (GJFJV)

1. Cable Description

Distribution tight buffer optical cable use 900µm tight buffer fiber as optical communication medium. The tight buffer is wrapped with a layer of aramid yarn as strength member ,then completed with a LSZH as out jacket.

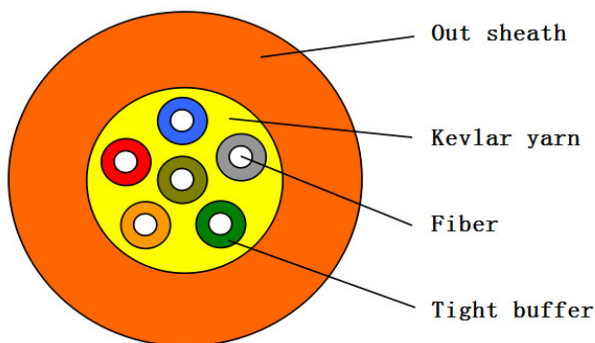
2. Application

- Adopted to indoor distribution..
- As pigtail of communication equipment.
- Suitable for communication equipment served.

3. Characteristics

- Hight strength kevlar yarn member.
- High quality tight buffered.
- Soft and easy to strip.

4. Cable structure



5. Cable construction details

Fiber count	6F			
Tight buffer	Diameter	0.9mm	Material	PVC
Yarn	Material	Dupont kevlar yarn		
		5.2±0.1mm (6core)		Outer sheath Orange (50/125) Aqua (OM3) according to customer's requiriment
	Material	LSZH		
Weight	23kg/km			

6. Cable mechanical and environment characteristics

Cable core		≦ 12 core	> 12core
Tensile strength	Long term (N)	200N	300N
	Short term (N)	700N	800N
Crush load	Long term (N/100mm)	200N/100mm	
	Short term (N/100mm)	1000N/100mm	
Bending radius	Dynamic (mm)	20D	
	Static (mm)	10D	
Temperature	-20°C ~ +70°C		

7. Fiber Performance

Fiber style	Unit	SM G652D	MM 50/125	MM 62.5/125
Condition	mm	1310/1550	850/1300	850/1300
Attenuation	dB/km	≤0.36/0.23	≤3.0/1.0	≤3.0/1.0
Cladding diameter	um	125±1	125±1	125±1
Cladding non-circularity	%	≤1.0	≤1.0	≤1.0
Coating diameter	um	242±7	242±7	242±7

8. Package

Packing material: Wooden drum.

Packing length: 1km per drum or customization.