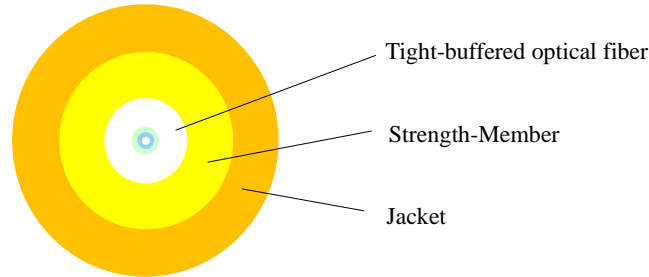




## Tight Buffered Optical Cable

### Optical Fiber Cable Structure



### Structure and Performance of Optical Cable

Construction								
Description	Tight-buffered optical fiber, Strength-Member, Jacket							
Optical fiber	SM, MM							
Tight cover layer	LSZH, PVC and others							
Strength-Member	Aramid yarn and other materials							
Jacket	Materials: LSZH, PVC and others							
Character								
Application	Used for tail fibers and patch cable; Used in optical communication equipment room, Optical connection of an optical distribution frame; Used in light instruments, Optical connection of the device.							
Characteristic	Soft, flexible, convenient connection, to meet the requirements of high-density wiring High flame retardant, meet indoor use environment Excellent bending performance, excellent mechanical and environmental performance							
Operating Temperature	PVC: -20℃~+60℃ LSZH: -20℃~+70℃							
Parameters								
Fiber Count	Diameter (mm)	Weight (kg)	Tensile Strength (N)		Crush Resistance Strength (N/10cm)		Bending Radius (mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	2.0	4.0	40	80	300	1000	10D	20D
1	3.0	7.5	80	150	300	1000	10D	20D