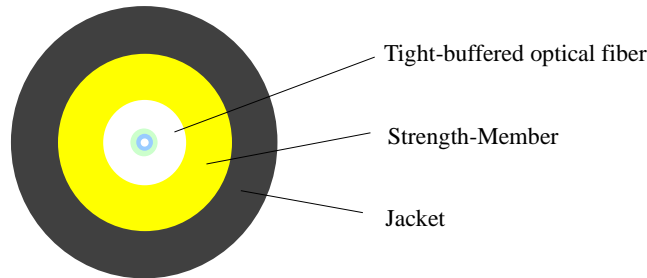




Tight Buffered Optical Cable

Structure



Structure and Performance of Optical Cable

Construction								
Description	Tight cover of optical fiber, reinforced parts and outer sheath							
Optical fiber	Single mode optical fiber: G.657A2 etc.							
Tight cover layer	LSZH Or other materials							
Strength Member	Aramid yarn or other materials							
Jacket	Materials: Low-smoke halogen-free flame-retardant polyolefin (LSZH), polyurethane (TPU), or other materials							
Character								
Application	Mainly used for FTTX introduction							
Characteristic	Full dielectric structure to avoid electrical conductivity; Strong tensile strength, to meet the outdoor overhead demand; Bending performance is excellent, excellent mechanical and environmental performance.							
Operating Temperature	LSZH: -40°C~+70°C							
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	3.0	9.3	250	500	500	1000	10D	20D