

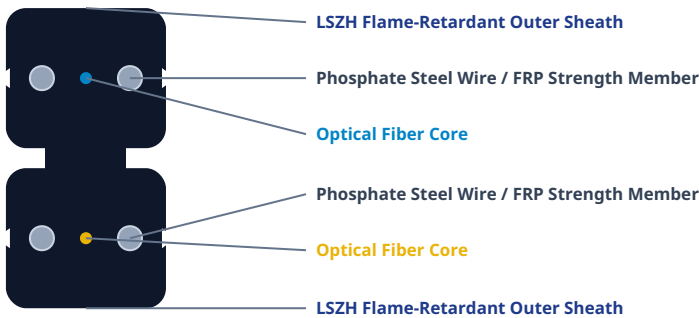
Parallel Drop Optical Cable (GJBXH / GJFBXH)

Indoor/Outdoor Flat Bow-Type Parallel Drop Fiber Cable Technical Datasheet

Product Description

The **GJBXH / GJFBXH parallel drop optical cable** is composed of two identical bow-type optical fiber units arranged in parallel. At the center of each unit, optical fibers are positioned with two parallel steel wires placed on both sides as strength members (or non-metallic FRP strength members for GJFBXH). The entire assembly is extruded with a Low Smoke Zero Halogen (LSZH) flame-retardant outer sheath.

Cable Cross-Section & Structural Diagram



Product Features

Special Bend-Insensitive Fiber

Special bend-insensitive optical fiber provides greater bandwidth and excellent communication transmission characteristics.

Compact, Lightweight & Practical Structure

Small outer diameter, light weight, simple structure, and strong practical usability for fast deployment.

Parallel FRP/Steel Strength Members

Two parallel strength members provide excellent crush resistance to protect the optical fibers inside.

Grooved Design for Easy Separation

Features a grooved outer jacket design, making it easy to strip and separate, simplifying installation and splicing.

Low Smoke Zero Halogen (LSZH) Sheath

Flame-retardant LSZH outer sheath with a smooth surface, highly eco-friendly, odorless, and safe for indoor use.

Optimal FTTH Subscriber Choice

Bow-type parallel drop cable is the premier choice for Fiber-to-the-Home (FTTH) subscriber access networks.

Technical Specifications

Cable Model	Fiber Count	Cable Dimensions (mm)	Cable Weight (kg/km)	Allowable Tensile Force (N)		Allowable Crush Resistance (N/100mm)		Bending Radius (mm)	
				Long-Term	Short-Term	Long-Term	Short-Term	Static	Dynamic
GJBXH	2	6.0 × 2.0 ± 0.1	22	100	200	1000	2000	20D	40D
GJBXH	4	6.0 × 2.0 ± 0.1	22	100	200	1000	2000	20D	40D
GJBXH	6	6.0 × 2.0 ± 0.1	22	100	200	1000	2000	20D	40D
GJFBXH	2	6.0 × 2.0 ± 0.1	19	40	80	500	1000	2000	40D
GJFBXH	4	6.0 × 2.0 ± 0.1	19	40	80	500	1000	2000	40D
GJFBXH	6	6.0 × 2.0 ± 0.1	19	40	80	500	1000	2000	40D

Note: The above data is for reference only.