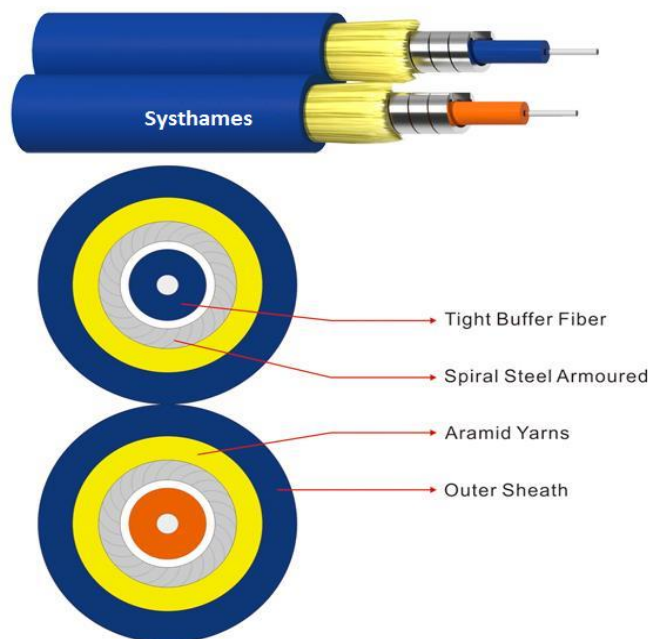


## Indoor Spiral Armor - Duplex Cable



Product Code	Description			
4034-00002	Indoor Spiral Armor - Duplex cable	9/125;50/125; 62.5/125	OM3;OM4	1-12 Core

### ·Description

SysThames Indoor Spiral Armor - Duplex optical cable structure is wrapped with a layer of spiral stainless steel wire armor on the surface of  $\phi 900\mu\text{m}$  or  $\phi 600\mu\text{m}$  tight-buffered optical fiber, and evenly release multi-stranded aramid fiber for reinforcement outside the armor layer, and then the flame-retardant outer sheath extruded to form a cross section. It is a "8" shaped side-by-side optical cable.

### ·Features

- The multi-core optical cable is equipped with flat steel wire armor to improve the cable's resistance to compression and rodent resistance.
- High-strength aramid fiber reinforced, high-performance sheath material outer protection.
- Light weight, softness, flexibility and convenient connection.
- Has good mechanical and environmental performance
- Flame-retardant or non-flammable outer sheath, providing good safety protection

### ·Application

Various conventional connectors.

- Pigtail, jumper.
- Optical communication equipment room, optical distribution frame, optical fiber to the desktop and other optical connections.
- Optical connection of optical equipment, instruments, etc.
- Indoor horizontal wiring, vertical wiring in buildings; LAN network, multi-information point connection.
- Optical connection for long-distance, field, building wiring, wire trough photoelectric hybridization, etc.
- The pigtail cables of the backbone network and the equipment connected to the building.
- Small wiring in installation space and occasion.

### ·Standards

YD/T 2488-2013, IECA-596, GR-409, IEC794 and other standards; meets UL certification OFNR and OFNP requirements.

## Indoor Spiral Armor - Duplex Cable

### •Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	-		
	@1550nm	≤0.22 dB/km	≤0.23dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz·km	≥500MHZ·km
	@1300nm			≥1000 MHz·km	≥600 MHz·km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength λ		≤1260nm	≤1480nm		

### •Technical Parameters

Cable Type	Tight diameter mm	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100cm	Bending Radius Static/Dynamic mm
GJSFJBV	0.6	2.0*4.1	30	300/750	200/1000	20H/10H
GJSFJBV	0.6	2.8*5.7	35	300/750	200/1000	20H/10H
GJSFJBV	0.9	3.0*6.1	43	300/750	200/1000	20H/10H

Storage/Operating Temperature : -20°C to + 60°C