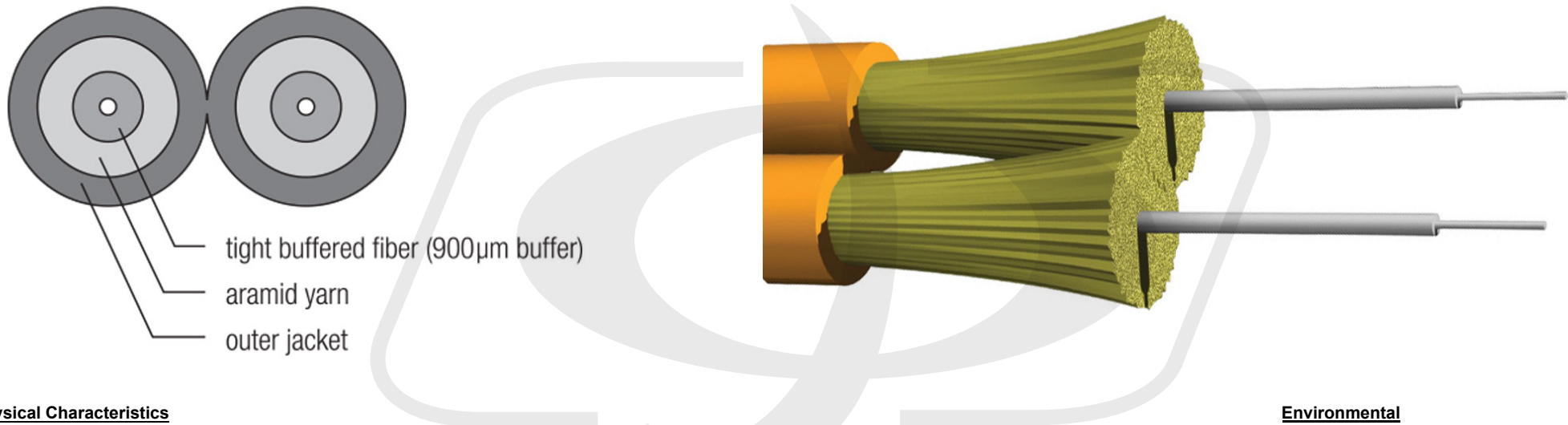




Description

This cable is primarily used in the assembly of duplex fiber patch cords used in server rooms, data centers and other point to point indoor applications.



Physical Characteristics

Color	Orange
Fiber Optic Type	Zipcord 3.0 Multimode 62.5/125 micron
Fiber Core Diameter	62.5 micron ± 3.0 micron
Bandwidth Range	@850 > 160 MHz/km @1310 > 500 MHz/km
Attenuation Range	@850nm 3.0dB/km @1310nm 1.0dB/km
Maximum Tensile Load	Short Term, N 500 Long Term, N 300
Minimum Bending Radius	Load 50mm Unload 30mm

Fiber Count	2C
Tight Buffer Diameter	0.9 micron ±0.05
Cable Diameter	3mm
Fire Rating	LSZH/OFNR
Uniformly Distributed	Kevlar

Environmental

RoHS	Yes
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Packaging Information

Product Weight	0.03 lbs [0.01 kg]
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Design and Test Criteria

- Comply with standard IEC 60794, IEC 60793;
- LSZH jacket meet IEC 60332-3C and OFNR.

Structure Requirements

Structure Parameters

Items		Specification
Fiber count		2
Optical fiber	Out diameter(±5µm)	250
Tight buffer	Out diameter(±50µm)	900
	Color	1. White 2. Orange or follow the color of cable jacket
Cable	Core reinforce	Aramid yarn
	Centre strength member	All dielectric
	Sheath material	LSZH
	Color	Orange
	Out diameter (±0.15*±0.30mm)	3.0*6.0
	Cable weight(kg/km)	Approx.13.5

Optical Properties

Fiber type		Multi -mode (62.5/125µm) (850/1300nm)
Attenuation(dB)	Typical	3.0/1.0
	Maximum	3.5/1.5
Bandwidth(MHz·km)		≥200/≥500
Effective modal bandwidth		----/----
10 Gigabit Ethernet SX (MHz·km)		----
Min bend radius(mm)		30
Cladding diameter(µm)		125±1.0

Other optical properties should meet international standards of IEC 60793/IEC60794 or ITU-T.

Properties Requirements

Mechanical Properties

Mechanical properties	Installation	Operation
Tensile strength	200N for 1.8*3.6&2.0*4.0mm cable; 200N for 2.8*5.6&3.0*6.0mm cable	100N for 1.8*3.6&2.0*4.0mm cable; 100N for 2.8*5.6&3.0*6.0mm cable
Min bend radius	20×H (Cable axis)	10×H (Cable axis)
Crush resistance	1000N/100mm	
The mechanical properties of other optical fibers and cables shall meet international standards of IEC 60794.		

Environmental Characteristics

Transportation temperature	-20°C~+60°C
Storage temperature	-20°C~+60°C
Installation temperature	-20°C~+60°C
Operation temperature	-20°C~+60°C
Flame retardant	IEC 60332-3C and OFNR

Our products are in compliance with current RoHS and REACH. Please inform us detailed information if the products need to meet other laws, regulations and standards.