

# Duplex Armored Fiber Optic Cable

- Tight buffer fiber, helical armored, LSZH jacket

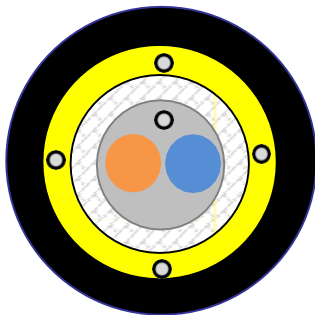
## Application:

- Used in FTTH, from residence to data center and cabling level and vertical, also used in FTTH cable
- Used in communications in data center, during ODF with armored patch cord and pigtail
- Used in the open field, connections between optical equipment
- Used in base station, for BBU to RRU

## Features:

- Mini armored layer used to decrease the outer diameter and cable weight, also convenient for laying and splice
- Cable using high property aramid yarn, increasing tension property, and fit for long distance use
- Cable using spiral metal armored layer with best crush property, and cable is very flexible and easy bend
- LSZH jacket material fit for any harsh environments

## Sketch:



From inside to outside :

- **0.9mm tight buffer fiber × 2core**
- **Water swellable glass yarn: Qty=1**
- **Helical armored layer : SUS204**
- **Aramid yarn: Kevlar**
- **Water swellable glass yarn: Qty=4**
- **Outer jacket:Black LSZH**

## Construction:

Item	Unit	Dimension	Note
tight buffer fiber	mm	0.90±0.05	
Water swellable glass yarn	mm		Qty=1
helical armored layer	mm	2.80±0.20	T=0.25
Aramid yarn	mm	1100	
Water swellable glass yarn	mm		Qty=4
Outer jacket	mm	4.80±0.20	T≥0.6
weight	Kg/km	31	