

# FIBER OPTIC CABLE

## INDOOR OPTICAL FIBER CABLE

### DUPLEX OPTIC CABLE

#### Cable Design

- Optical Fiber
- Tight Buffer
- Aramid Yarn Strength Member
- Inner Sheath
- Outer Sheath

#### Features

- Choice of Fiber Type
- Choice of Outer Diameter
- High Strength Aramid Yarn Strength Members
- Easy to Strip
- Choice of Outer Sheath Material
- Choice of Outer Sheath Colour

#### Main Applications

Indoor horizontal and vertical laying, direct connection to outdoor cables

As pigtail for communication equipment and cable for patchcords and connectors.

#### Temperature Characteristics

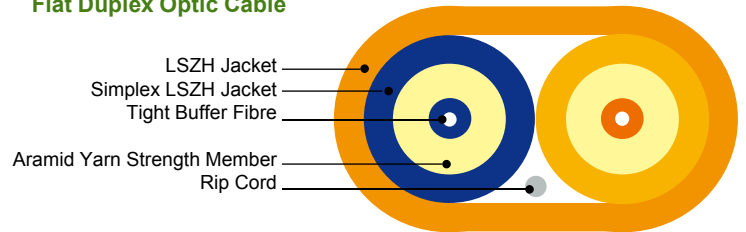
Operate temperature range: -20°C to +60°C

Storage temperature range: -20°C to +60°C

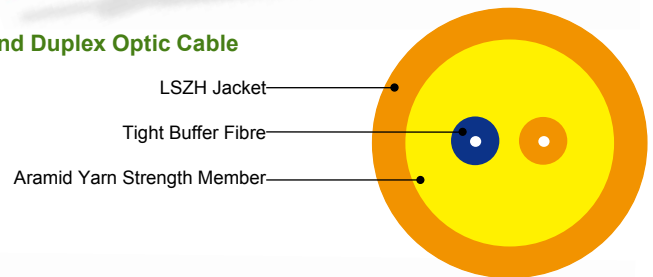
#### Environmental Characteristics

This Cable meets RoHS requirements

#### Flat Duplex Optical Cable



#### Round Duplex Optical Cable



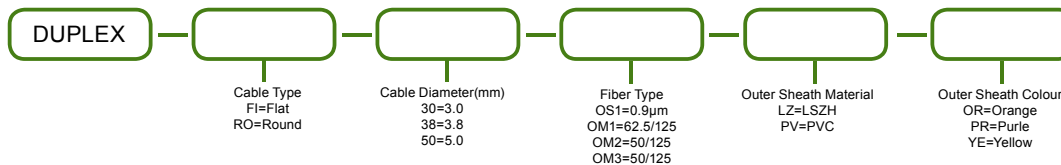
#### Technical Characteristics

Flat Duplex Optical Fiber Cable			
Outer Diameter	mm	3.0x5.0	3.8x6.6
Tight buffer diameter	µm	900±50	
Subunit Simplex diameter	mm	2.0±0.1	2.8±0.1
Normal Weight	kg/km	18	31
Long term tensile strength	mm	120	120
Short term tensile strength	N	250	250
Minimum Static bending radius	mm	10H	
Minimum Dynamic bending radius	mm	20H	
Long term crush resistance	N	500	
Short term crush resistance	N	100	

Round Duplex Optical Fiber Cable			
Outer Diameter	mm	3.0	5.0
Normal Weight	kg/km	7.6	19.0
Long term tensile strength	mm	40	160
Short term tensile strength	N	80	80
Minimum Static bending radius	m	10D	
Minimum Dynamic bending radius	m	20D	
Long term crush resistance	N	500	
Short term crush resistance	N	100	

## ORDERING INFORMATION

To order optical fiber cables the SofeTEK part number follows the following sequence.



Marking: As required. Packing: standard 2000m or as required.