

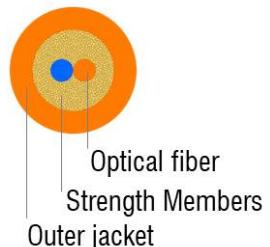
## 2.0mm Duplex Round OFNP Cable

### LinkPro CABLE CONSTRUCTIONS

#### Description

The Duplex Round cable uses two 250um Colored fibers as optical transmission medium, covered with aramid yarns strength member in a Plenum rated Jacket.

Round Duplex Cable



#### Features

- Choice of fiber types
- Aramid yarns providing excellent tensile performance
- Anti-corrosion, flame-retardant and environment-friend

#### Applications

- Optical fiber jumper or pigtail
- Indoor Plenum level and vertical cabling
- Interconnection between instruments and communication equipment

#### Optical Fiber Cable Characteristic

Fiber Type	Fiber Brand	After cabled max attenuation(dB/km)	
		1310nm	1550nm
G.657.A1	YOFC	0.4	0.3

#### Constructions and Technical Parameters

Items		Descriptions
Fiber counts		2
Colored fiber	Color	Blue/Orange
Strength member	Material	Aramid yarns
Out sheath	Material	PVC
	Color	Yellow
Minimum bending radius	Static	10×Cable diameter
	Dynamic	20×Cable diameter
Cable diameter(mm) approx.		1.95±0.1
Plywood drum Dimensions(mm) approx.(Flange, Barrel, Width)		F400, B200, W330

## Mechanical and Environmental Characteristics

Items	Descriptions		Test Method	Requirements
Tensile performance	Short-term	100N	IEC 60794-1-21 Method E1	IEC 60794-2-10
	Long-term	40N		
Crush resistance	Short-term	350N/10cm	IEC 60794-1-21 Method E3	IEC 60794-2-10
	Long-term	100N/10cm		
Temperature range	0 °C to +70 °C		IEC 60794-1-22 Method F1	IEC 60794-2-10
Other parameters: according to IEC 60794-2-10 and IEC 60794-1-21				

## Environmental Temperature

Items	OFNP
Installation temperature	0 °C to +60 °C
Operation temperature	0 °C to +70 °C
Storage temperature	-40 °C to +70 °C

## Fire Performance

Fire Test Description	Fire Test Specification	Requirement
NFPA 262 Plenum Flame Test	OFNP	PASS

## Identification

Unless otherwise specified, the cable sheath marking shall be as follows:

**OPTICAL CABLE 9/125 G.657.A1 DIB 2F 2.0 OFNP EXXXXXX(UL) YYWWD XXXXM \*\*\*\*\***

- Ink Color: Black
- EXXXXXX(UL): UL Authentication No.
- YYWWD: Year + Week + Day
- XXXXM: Sequential meter marking, Interval: 1m
- \*\*\*\*\*: Cable Reel No., Per Manufacturer or owner

## Jacket Color(Pantone Color)

Yellow
PT 116C

## Packing

Plywood drums protection. During transportation, right tools should be used to avoid damaging the package and to handle with ease. Cables should be protected from moisture; kept away from high temperature and fire sparks; protected from over bending and crushing; protected from mechanical stress and damage.

## Delivery Length

Standard delivery length is 2km/drum. Other lengths available upon agreement.

## Chemical Characteristics

Free of hazardous substances according to RoHS 2015/863/EU