

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.

Features

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

Applications

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

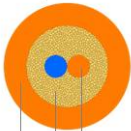
Optical Fiber Cable Characteristic

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

Round Duplex Cable



Optical fiber
Strength Members
Outer jacket

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