

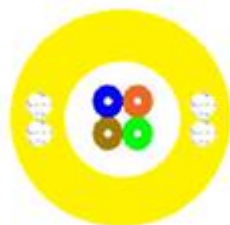
OPTICAL CABLE FIBER-LAN INDOOR EZ!LUX (CFOI-EO) - CPR

Construction	ROHS Compliant	
	Dielectric	
	Semi Tight Buffer	
	Singlemode BLI	
Description	Tight Buffer Optical cable with acrylate primary coating and thermoplastic secondary coating. The core of the cable is coated in flame retardant thermoplastic material reinforced by fourFRPs.	
Application	Installation Environment	Indoor
	Operating Environment	Vertical Duct Installation
Standard	<ul style="list-style-type: none"> ITU-T G.657: "Characteristics of a bending-loss insensitive single-mode optical fibre and cable"; GR-409: Indoor Fiber Optic Cable* 	
Optical Fiber	Made up of BLI singlemode acrylate coated optical fibers.	
Optical Characteristics	Fiber	Characteristics
	Singlemode	According to technical specification 2000
Fiber Coating	UV cured acrylate	
Fiber Identification	Fiber	Color
	1	Blue
	2	Orange
	3	Green
	4	Brown
	5	Grey
	6	White
	7	Red
	8	Black
	9	Yellow
	10	Violet
	11	Pink
	12	Sky Blue
Tight-Buffered Fiber	Acrylate coated optical fibers, insulated by semi-tight buffer thermoplastic coating.	
Strength member	Four FRPs are extruded together with the outer jacket to provide tensile strength for the cable.	

Outer Jacket A jacket of non-flame-propagating thermoplastic material is extruded over the optical fibers. The cables are preferably supplied with a **yellow** outer jacket. Upon inquiry, other jacket colors may be supplied.

Cable Flammability Rating	Cable protection grade	Marking
	Optical Cable with Low Smoke Zero Halogen Jacket	LSZH

Cross Section



Physical Characteristics	Minimum radius of curvature (mm)	- During installation: 15 x cable diameter - After installation: 10 x cable diameter
	Maximum load during installation (N)	300
	Installation/Storage Temperature	-10 °C to + 60 °C
	Operating Temperature	-20°C to +70°C

Dimension	Parameter	Unity	Value
			4 fibers
	Nominal Outer Diameter	mm	6,0 ± 0.2
	Nominal Weight	kg/km	32
	Nominal Jacket Thickness	mm	1,2

Marking Outer Jacket:
"FURUKAWA FIBER-LAN INDOOR EZ!LUX BLI xF G-657A2 LSZH MONTH/YEAR EUROCLASS B2ca (s1a, d0, a1) YYYYYYYY-##-ZZ-WW ()"**

Where:

x = Fiber count

MONTH/YEAR = Fabrication Date (MM/AAAA)

YYYYYYYY Serial number

Manufacture year

ZZ Verificator number

WW Bath

()** Length marking in meters (xxxxxm)

Package Type Wooden reel

Standard Length - Tolerance ±5% of the length.
 - Other lengths available under analysis.

[Part Numbers](#)