

# HCDO-2BDDLOA



EHD-2U Pre-stubbed Patch Panel with LC Adapter and 288f I/O, Riser /LSZH rollable ribbon cable, left cable entry, singlemode with cable length in meters from 25m to 400m in 25m increments

## Product Classification

<b>Regional Availability</b>	Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber patch panel
<b>Product Series</b>	EHD

## General Specifications

<b>Color</b>	Black
<b>Interface Feature, front</b>	LC
<b>Interface Feature, rear</b>	Stub
<b>Rack Units</b>	2
<b>Shelf Movement</b>	Sliding
<b>Total Ports, quantity, front</b>	288

## Dimensions

<b>Height</b>	88.9 mm   3.5 in
<b>Width</b>	482.6 mm   19 in
<b>Depth</b>	465.84 mm   18.34 in
<b>Cable Stub Length</b>	100 m   328.084 ft   125 m   410.105 ft   150 m   492.126 ft   175 m   574.147 ft   200 m   656.168 ft   225 m   738.189 ft   25 m   82.021 ft   250 m   820.21 ft   275 m   902.231 ft   300 m   984.252 ft   325 m   1,066.273 ft   350 m   1,148.294 ft   375 m   1,230.315 ft   400 m   1,312.336 ft   50 m   164.042 ft   75 m   246.063 ft

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2   OS2

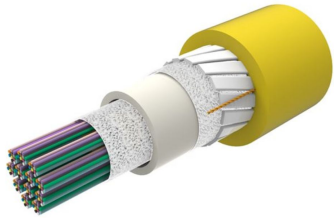
# HCDO-2BDDLOA

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**Insertion Loss, maximum** 0.35 dB

## Included Products

- 760239308  
N-288-CN-RR-F12YL/8G1/99G  
/C – Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube Rollable Ribbon Cable
- 760245230  
N-192-CN-RR-F12YL/8G1/99G  
/C – Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube Rollable Ribbon Cable



Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube Rollable Ribbon Cable

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable

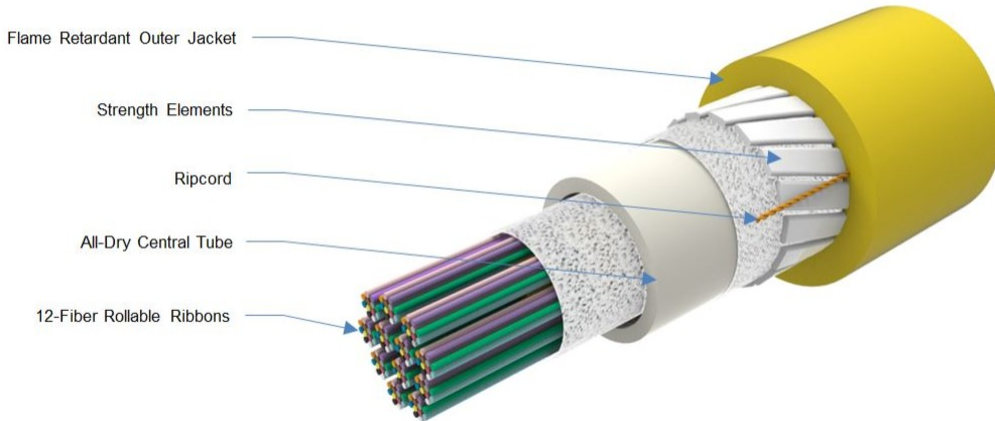
## General Specifications

<b>Cable Type</b>	Ribbon central tube
<b>Construction Type</b>	Non-armored
<b>Fiber Type, quantity</b>	288
<b>Fibers per Ribbon, quantity</b>	12
<b>Jacket Color</b>	Yellow
<b>Subunit Type</b>	Gel-free
<b>Total Fiber Count</b>	288

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	8.1 mm   0.319 in
<b>Diameter Over Jacket</b>	12.5 mm   0.492 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	250 mm   9.843 in
<b>Minimum Bend Radius, unloaded</b>	77 mm   3.031 in
<b>Tensile Load, long term, maximum</b>	800 N   179.847 lbf
<b>Tensile Load, short term, maximum</b>	2700 N   606.984 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	25 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	5.15 N-m   45.581 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.657.A2/B2   G.657.A2/B2
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## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)

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<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-104-696   EN 187105   Telcordia GR-409
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Cca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1a
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d0
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)   Riser
<b>Flame Test Listing</b>	NEC OFNR-ST1 (ETL) and c(ETL)
<b>Flame Test Method</b>	CSA FT4   IEC 60332-1-2   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	FOTP-82   IEC 60794-1 F5

## Environmental Test Specifications

<b>Cable Freeze</b>	-2 °C   28.4 °F
<b>Cable Freeze Test Method</b>	FOTP-98   IEC 60794-1 F15
<b>Heat Age</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	168 kg/km   112.891 lb/kft
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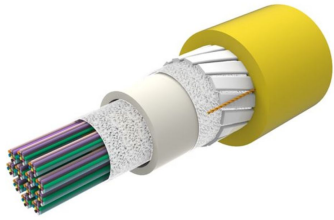
## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable



Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube Rollable Ribbon Cable

## Product Classification

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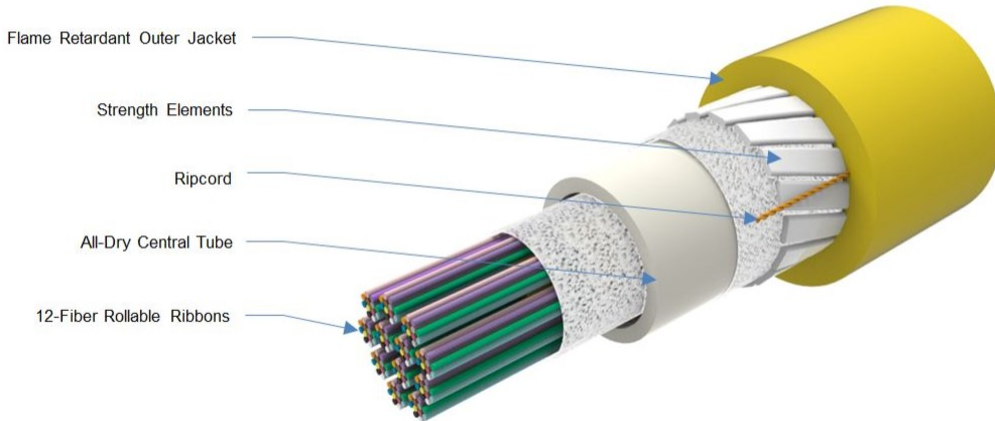
## General Specifications

<b>Cable Type</b>	Ribbon central tube
<b>Construction Type</b>	Non-armored
<b>Fiber Type, quantity</b>	192
<b>Fibers per Ribbon, quantity</b>	12
<b>Jacket Color</b>	Yellow
<b>Subunit Type</b>	Gel-free
<b>Total Fiber Count</b>	192

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	8.1 mm   0.319 in
<b>Diameter Over Jacket</b>	12.5 mm   0.492 in

## Representative Image



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<b>Fiber Type</b>	G.657.A2/B2   G.657.A2/B2
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