

HCDO-1ADDLOA



EHD-1U Pre-stubbed Patch Panel with LC Adapter and 144f 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

Regional Availability	Latin America North America
Portfolio	CommScope®
Product Type	Fiber patch panel
Product Series	EHD

General Specifications

Color	Black
Interface Feature, front	LC
Interface Feature, rear	Stub
Rack Units	1
Shelf Movement	Sliding
Total Ports, quantity, front	144

Dimensions

Height	44.45 mm 1.75 in
Width	482.6 mm 19 in
Depth	465.84 mm 18.34 in
Cable Stub Length	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

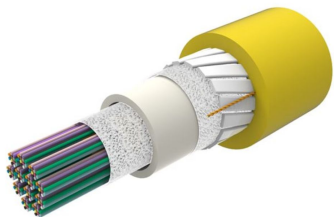
Fiber Mode	Singlemode
Fiber Type	G.657.A2 OS2

HCDO-1ADDLOA

Insertion Loss, maximum 0.35 dB

Included Products

760239307 - Indoor All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube
N-144-CN-RR-F12YL/8G1/99G Rollable Ribbon Cable
/C



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

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio

CommScope®

Product Type

Fiber indoor cable

General Specifications

Cable Type

Ribbon central tube

Construction Type

Non-armored

Fiber Type, quantity

144

Fibers per Ribbon, quantity

12

Jacket Color

Yellow

Subunit Type

Gel-free

Total Fiber Count

144

Dimensions

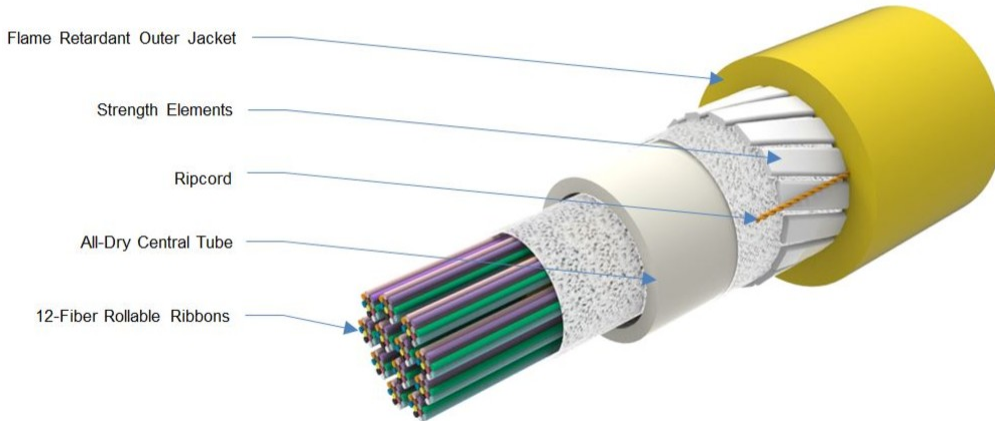
Buffer Tube/Subunit Diameter

6.1 mm | 0.24 in

Diameter Over Jacket

10.5 mm | 0.413 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	210 mm 8.268 in
Minimum Bend Radius, unloaded	77 mm 3.031 in
Tensile Load, long term, maximum	800 N 179.847 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	5.15 N-m 45.581 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A2/B2 G.657.A2/B2
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Environmental Specifications

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

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

Environmental Test Specifications

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

Packaging and Weights

Cable weight	122 kg/km 81.98 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance



* Footnotes

760239307 | N-144-CN-RR-F12YL/8G1/99G/C

Operating Temperature Specification applicable to non-terminated bulk fiber cable