HCC0-1ADDL0A

EHD-1U Pre-stubbed Patch Panel with LC/UPC Adapter and 144f I/O, Riser/LSZH rollable ribbon cable, right 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, front	LC/UPC
Interface, rear	Stub tail
Rack Units	1
Shelf Movement	Sliding
Total Ports, quantity	144

Dimensions

Height	44.45 mm | 1.75 in
Width	482.6 mm | 19 in
Depth	465.84 mm | 18.34 in
Cable Length	25 m | 82.021 ft

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2 | OS2
Insertion Loss, maximum	0.35 dB

Environmental Specifications

Safety Standard	UL 60950

COMMSCOPE®

Included Products

|		
760239307 N-144-CN-RR-F12YL/8G1/99G /C	–	Fiber indoor cable, All-Dielectric, LSZH, Riser-Rated, Gel-Free, Central Tube Rollable Ribbon, 144 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Cca flame rating

COMMSCOPE®

760239307 | N-144-CN-RR-F12YL/8G1/99G/C
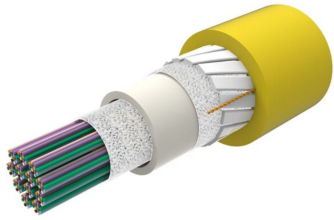
Fiber indoor cable, All-Dielectric, LSZH, Riser-Rated, Gel-Free, Central Tube Rollable Ribbon, 144 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Cca flame rating

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-CN

General Specifications

Cable Type	Ribbon central tube
Construction Type	Non-armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Yellow
Jacket Marking	Feet
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

COMMSCOPE®

Flame Retardant Outer Jacket
Strength Elements
Ripcord
All-Dry Central Tube
12-Fiber Rollable Ribbons
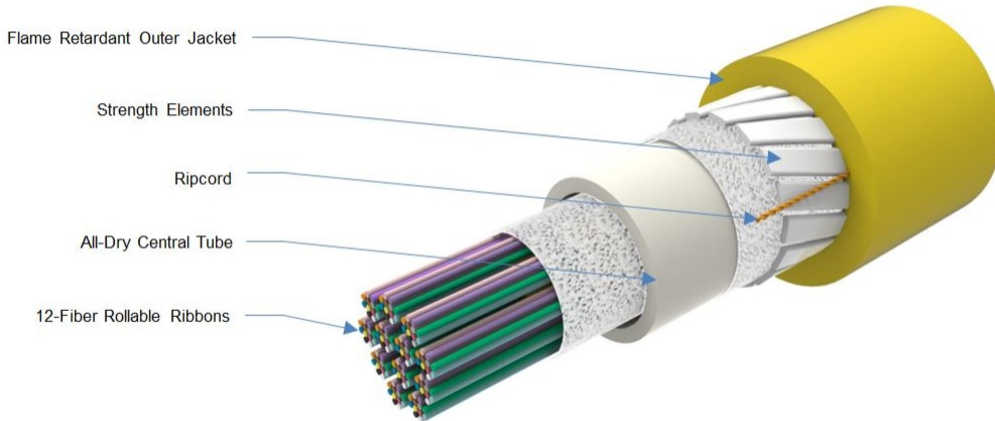
Mechanical Specifications

Minimum Bend Radius, loaded	216 mm	8.504 in
Minimum Bend Radius, storage coils	432 mm	17.008 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	2.94 N-m	26.021 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

Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)

COMMSCOPE®

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

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 Penentration	24 h
Water Penentration 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

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
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
ROHS	Compliant
UK-ROHS	Compliant

COMMSCOPE®

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

COMMSCOPE®