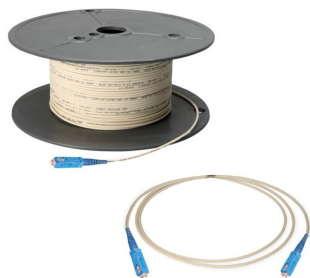


# MDC-NN1H



## RealFlex® 3 Fiber Optic Drop Cable Assembly, SC/UPC to SC/UPC, RBR Riser, Ivory

- \*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

### Product Classification

Regional Availability	Latin America   North America
Portfolio	CommScope®
Product Type	Fiber drop cable assembly
Product Brand	RealFlex®
Product Series	MDC
Government Requirements	Build America Buy America (BABA) compliant*
Ordering Note	For custom cable assembly lengths, please contact your local CommScope representative

### General Specifications

Cable Type	Stapleable - Round
Connector A, quantity	1
Color, boot A	Blue
Color, connector A	Blue
Connector B, quantity	1
Color, boot B	Blue
Color, connector B	Blue
Interface, Connector A	SC/UPC
Interface Feature, connector A	Male
Interface, Connector B	SC/UPC
Interface Feature, connector B	Male
Jacket Color	Ivory
Location of Manufacturing	Catawba, North Carolina
Total Fibers, quantity	1

# MDC-NN1H

Transmission Standards

TIA/EIA-568-B.3

## Dimensions

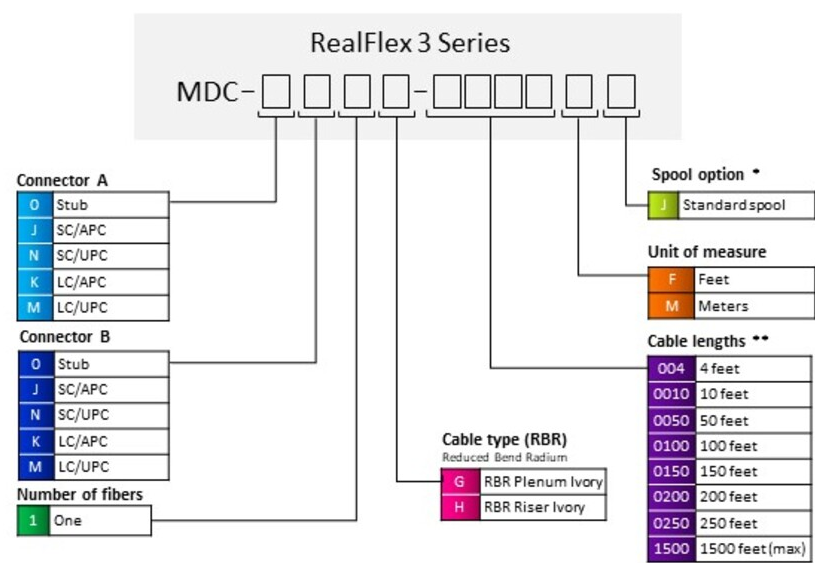
Cable Assembly Length Range (ft)

1 – 1500

Cable Outer Diameter

2.9 mm (0.11 in)

## Ordering Tree



\*Drops are automatically coiled 0-350 ft. Lengths 351+ are automatically spooled. Connector A deploys first. Add option J if spool is required for lengths 350ft or less.

\*\*Cable length shown as an example; additional cable lengths available upon request up to 1500 ft

## Mechanical Specifications

Minimum Bend Radius, loaded

50 mm | 1.969 in

Minimum Bend Radius, unloaded

30 mm | 1.181 in

## Optical Specifications

Fiber Mode

Singlemode

Fiber Type

G.657.A2/B2

Insertion Loss, maximum, connector A

0.2 dB

Insertion Loss, maximum, connector B

0.2 dB

Return Loss, minimum, connector A

60 dB

# MDC-NN1H

Return Loss, minimum, connector B	60 dB
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)
Environmental Space	Riser
Jacket UV Resistance	UV stabilized
Qualification Standards	Telcordia GR-449-CORE

## Packaging and Weights

Cable weight	7.9 kg/km   5.309 lb/kft
Packaging quantity	1

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

