

# NDX-06HGM0U-A0250F



Fiber Indexing Terminal, 1x4 Splitter, 4x3 Port Design, 4 Forward Ports, 1 Reverse Port, Dielectric Flat Loose Tube Cable, 250 Feet

- Fiber Indexing terminals are access terminals using hardened connectivity technology that withstand the rugged outside plant environment
- Fiber Indexing terminals eliminate splicing and use 12-strand fiber cable in a daisy-chain topology, reducing the total required cable length by up to 70%
- Hardened adapters are factory-terminated and environmentally sealed to ensure rapid plug-and-play drop cable installations

Alternative products available:

HXT-B6HCA0250FN000 NOVUX™ Hardened Indexing Terminal, Full-size Adapter ports, 12F, 1:4 Splitter, 1 Forward port, 1 Reverse port, Dielectric flat loose tube, 250 ft/76 m HMFOC plug (female/no pin) tail

## Product Classification

Regional Availability	North America
Product Type	Access terminal, indexed with splitter
Product Series	NDX

## General Specifications

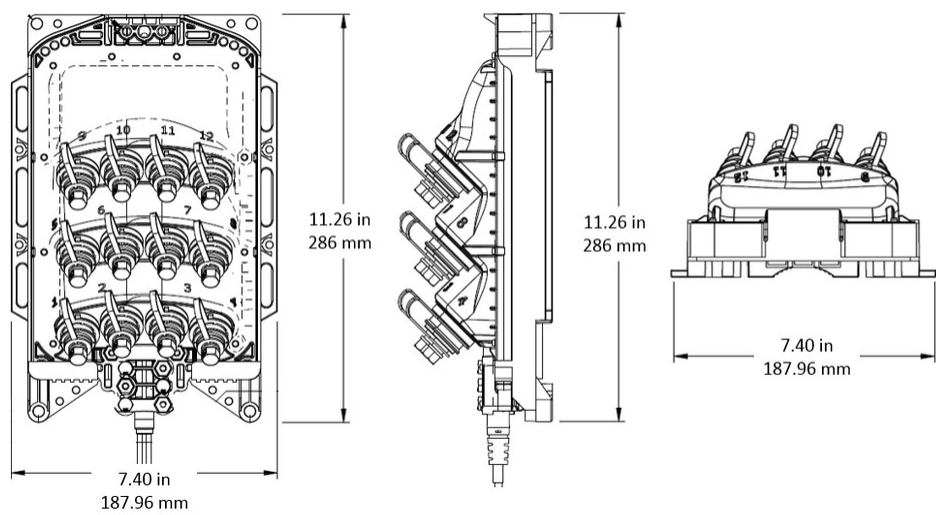
Cable Type	Dielectric - Flat - Loose Tube
Cable, quantity	1
Distribution Type	1 x 4 splitter
Enclosure Color	Black
Forward Port Type	Hardened full-size SC/APC adapter
Forward Port, quantity	4
Mounting	Handhole   Pedestal   Pole
Port Type	Hardened multi-fiber (HMFOC) jack, male/pinned
Port, quantity	4
Reverse Port Type	Hardened full-size SC/APC
Reverse Port, quantity	1
Splitter, quantity	1
Stub Type	Hardened multi-fiber (HMFOC) plug

# NDX-06HGM0U-A0250F

## Dimensions

Height	286 mm   11.26 in
Width	187.3 mm   7.374 in
Depth	95 mm   3.74 in
Cable Length, stub	250 ft (76 m)
Cable Outer Diameter	4.5 x 8.1 mm (0.18 x 0.32 in)

## Dimension Drawing



## Ordering Tree

# NDX-06HGM0U-A0250F

NDX-

-

F

Terminal Model

O6

1 x 4 splitter with reverse

10

1 x 8 splitter with reverse

D1

Index only, 1F with reverse

B2

Branching, 2F

B3

Branching, 3F

B4

Branching, 4F

B5

Branching, 5F

B6

Branching, 6F

M2

Multi-use, 2F with reverse

M3

Multi-use, 3F with reverse

M4

Multi-use, 4F with reverse

Housing Type

B

Mini indexing terminal

H

4x3 MST indexing terminal

Connector Type Housing

T

DLX adapters and 1 HMFOC

G

Full-size Adapters and 1 HMFOC

D

Index only, 1 HMFOC, 1 DLX, 1 DLX (reverse)

E

Index only, 1 HMFOC, 1 Full-size, 1 Full-size (reverse)

H

Branching, 2 HMFOC (only available for housing type "B")

Cable Length

0010

10 feet

0050

50 feet

0100

100 feet

0150

150 feet

0200

200 feet

0250

250 feet

0350

350 feet

0450

450 feet

0500

500 feet

0600

600 feet

0750

750 feet

1000

1000 feet

1250

1250 feet

1500

1500 feet

1750

1750 feet

2000

2000 feet

Cable Type

A

Buried dielectric

Mounting Style

U

Universal (cable stub spool off reel first)

\*0-99 FT length of cable is automatically coiled and packaged 2 units per box. Lengths greater than 99 FT are spooled.

Tail End

MO

HMFOC stub end

M1

2x12 HMFOC stub end

## Material Specifications

Enclosure Material Type

Gasketed hardened plastic

## Optical Specifications

Fiber Type	G.652.D
Operating Wavelength Range	1260 – 1635 nm
Attenuation Cable Coefficient, maximum	0.30 dB/km @ 1550 nm   0.40 dB/km @ 1310 nm
Attenuation Splitter, maximum	7.1 dB
Attenuation Terminal Connectors, maximum	0.45 dB
Directivity, minimum	60 dB
Uniformity, maximum	0.8 dB
Insertion Loss, Splitter, typical	6.7 dB
Insertion Loss, Stub Connector, maximum	0.45 dB
Insertion Loss, Stub Connector, typical	0.16 dB
Insertion Loss, Terminal Connector, typical	0.16 dB
Return Loss, Connector, minimum	65 dB

Page 3 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see <https://www.commscope.com/trademarks>. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 16, 2024

COMMScope®

# NDX-06HGM0U-A0250F

Return Loss, Single Ports, minimum	55 dB
------------------------------------	-------

## Environmental Specifications

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	5%–100%, condensing
Environmental Space	Above ground   Below ground   Buried
Flammability Rating	UL 94 5VA
Qualification Standards	IEC 60529, IP68 + 2 m waterhead   NEMA, Type 6 + 10 ft waterhead   Telcordia GR-3120-CORE   Telcordia GR-326-CORE   Telcordia GR-771-CORE
UV Resistance	UV stabilized

## Packaging and Weights

Included	Enclosure (1)   Optical splitter (1)   Universal mounting bracket (1)
Packaging quantity	1
Packaging Type	Box   Carton
Weight, without cable	1.36 kg   2.998 lb

## Regulatory Compliance/Certifications

Agency	Classification
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

MST-UMB-4312 – Universal MST Mounting Bracket
---