NDX-06HGM0U-A1500F

Fiber Indexing Terminal, 1x4 Splitter, 4x3 Port Design, 4 Forward Ports, 1 Reverse Port, Dielectric Flat Loose Tube Cable, 1500 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-B6HCA1500FN000	NOVUX™ Hardened Indexing Terminal, Full-size Adapter ports, 12F, 1:4 Splitter, 1 Forward port, 1 Reverse port, Dielectric flat loose tube, 1500 ft/457 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

COMMSCOPE®

NDX-06HGM0U-A1500F

Dimensions

Height	286 mm | 11.26 in
Width	187.3 mm | 7.374 in
Depth	95 mm | 3.74 in
Cable Length, stub	1500 ft (457 m)
Cable Outer Diameter	4.5 x 8.1 mm (0.18 x 0.32 in)

Dimension Drawing

Ordering Tree

COMMSCOPE®

NDX-06HGM0U-A1500F

NDX- ☐☐ ☐ ☐ ☐☐ ☐ - ☐ ☐☐☐☐ F

Terminal Model

06	1 x 4 splitter with reverse
10	1 x 8 spltter 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	0500	500 feet
0050	50 feet	0600	600 feet
0100	100 feet	0750	750 feet
0150	150 feet	1000	1000 feet
0200	200 feet	1250	1250 feet
0250	250 feet	1500	1500 feet
0350	350 feet	1750	1750 feet
0450	450 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.

Tall 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

COMMSCOPE®

NDX-06HGM0U-A1500F

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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

MST-UMB-4312 − Universal MST Mounting Bracket

COMMSCOPE®