

# HXT-B6ACB0500FU000



NOVUX™ Prodigy™ Hardened Indexing Terminal, Prodigy Adapter ports, 12F, 1:4 Splitter, 1 Forward port, 1 Reverse port, Toneable flat loose tube, 500 ft/152 m HMFOC Plug (female/no pin) tail, with mounting bracket

- NOVUX™ Hardened Multi-fiber Terminals incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened connectors are factory-integrated and environmentally sealed for use in optical drop cable deployments
- Plug-and-play adapter ports ensure rapid cable installment in the outside plant access section of the network
- NOVUX™ Prodigy™ HXT fiber indexing terminals are available with 1:4 or 1:8 splitter and optional multi-use ports, Index Only and Index Branching 2 to 6 fiber solutions
- Available stubless or with flat dielectric and flat toneable/locatable dielectric cable with HMFOC Plug (female/no pin)
- NOVUX™ Prodigy™ smaller terminal size for aesthetics and allowing installation in constrained spaces
- NOVUX™ Prodigy™ terminals are available in Black (RAL# 9005) or Gray (RAL# 7035)
- CommScope Product ID plate with QR code link to product documents and C-Track

## Product Classification

|                               |   |
|-------------------------------|---|
| <b>Regional Availability</b>  | Asia   EMEA   Latin America   North America |
| <b>Product Type</b>           | Access terminal, with splitter/tap          |
| <b>Product Brand</b>          | NOVUX™                                      |
| <b>Product Series</b>         | HXT   |
| <b>Minimum Order Quantity</b> | 1   |

## General Specifications

|                               |  |
|-------------------------------|--|
| <b>Cable Type</b>             | Toneable - Flat - Loose Tube                   |
| <b>Cable, quantity</b>        | 1  |
| <b>Distribution Type</b>      | 1 x 4 splitter with reverse                    |
| <b>Drop Port Type</b>         | Hardened Prodigy SC/APC                        |
| <b>Drop Port, quantity</b>    | 4  |
| <b>Enclosure Color</b>        | Black (RAL 9005)                               |
| <b>Forward Port Type</b>      | Hardened multi-fiber (HMFOC) jack, male/pinned |
| <b>Forward Port, quantity</b> | 1  |
| <b>Mounting</b>               | Handhole   Pedestal   Pole   Strand            |

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|                               |  |
|-------------------------------|--|
| <b>Port Type</b>              | Hardened Prodigy SC/APC                          |
| <b>Port, quantity</b>         | 6  |
| <b>Reverse Port Type</b>      | Hardened Prodigy SC/APC                          |
| <b>Reverse Port, quantity</b> | 1  |
| <b>Splitter, quantity</b>     | 1  |
| <b>Stub Type</b>              | Hardened multi-fiber (HMFOC) plug, female/no pin |

## Dimensions

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Height</b>               | 80 mm   3.14 in                  |
| <b>Width</b>                | 79 mm   3.11 in                  |
| <b>Length</b>               | 255 mm   10.03 in                |
| <b>Cable Length, stub</b>   | 500 ft (152 m)                   |
| <b>Cable Outer Diameter</b> | 4.3 x 8.0 mm (0.17 x 0.31 in) in |

## Dimension Drawing

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## Port Configuration

| NOVUX HT   | TECHNOLOGIES AVAILABLE | SMALL                                   | MEDIUM                 | LARGE                        |
|------------|------------------------|---|------------------------|------------------------------|
| HXT Series | Fiber indexing         | 12 fiber index only, 1f                 | 12 fiber 1:4           | 12 fiber 1:8                 |
|            |                        | 12 fiber index only, 2f                 | 12f multi-use 2f + 1:4 | 12 fiber multi-use, 3f + 1:4 |
|            |                        | 12 fiber index only, 3f                 | 24f multi-use 2f       | 12 fiber multi-use, 4f + 1:4 |
|            |                        | 12 fiber index only, 4f                 | 24f multi-use 3f       | 12 fiber multi-use, 2f + 1:8 |
|            |                        | 12 fiber multi-use, 2f                  | 24f multi-use 4f       |                              |
|            |                        | 12 fiber branching,<br>2 to 6f per port |                        |                              |

## Ordering Tree

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## Material Specifications

**Enclosure Material Type** Hardened plastic

## Optical Specifications

**Fiber Type** G.657.A1/A2

**Operating Wavelength Range** 1260 – 1635 nm

**Attenuation Single Ports, maximum** 0.4 dB

**Attenuation Cable Coefficient, maximum** 0.30 dB/km @ 1550 nm | 0.40 dB/km @ 1310 nm

**Attenuation Terminal Connectors, maximum** 0.4 dB

**Insertion Loss, Splitter, maximum** 7.1 dB

**Insertion Loss, Stub Connector, maximum** 0.65 dB

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

## Environmental Specifications

**Operating Temperature** -40 °C to +65 °C (-40 °F to +149 °F)

**Relative Humidity** 5%–100%, condensing

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|                                |   |
|--------------------------------|---|
| <b>Environmental Space</b>     | Above ground   Below ground   |
| <b>Qualification Standards</b> | IEC 60529, IP68 + 2 m waterhead   IEC 61753-1, category G                             |
| <b>UV Resistance</b>           | UV stabilized   |
| <b>Packaging and Weights</b>   |   |
| <b>Included</b>                | Universal mounting bracket  |
| <b>Packaging quantity</b>      | 1   |
| <b>Packaging Type</b>          | Box   Universal spool, cardboard: terminal is on top of the spool, stub deploys first |

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| 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  |

