# HST-BBHKB0821NU000

HST, NOVUX™ Hardened Standard Terminal, 11-port, two Planar 1:4 Splitters + two P2P + one 4F port, Flat toneable loose tube cable, 821 ft /250 m, Universal 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™ HST terminals are available with 2 to 12 ports and can be utilized in Single Fiber Point-to-Point (P2P) solutions
- Available with flat dielectric, flat toneable/locatable dielectric, armored or 5mm round cable
- NOVUX™ smaller terminal size for aesthetics and allowing installation in constrained spaces
- NOVUX™ 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
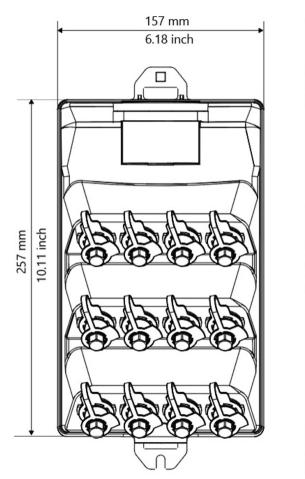
## Product Classification

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

## General Specifications

| | |
|---|---|
| **Cable Type** | Toneable - Flat - Loose Tube |
| **Cable, quantity** | 1 |
| **Distribution Type** | 1 x 4 splitter (2) + P2P ports (2) + 4f ports (1) |
| **Drop Port Type** | Hardened full-size SC/APC |
| **Drop Port, quantity** | 8 |
| **Enclosure Color** | Black (RAL 9005) |
| **Multi-use Port Type** | Hardened full-size SC/APC |
| **Multi-use Port, quantity** | 2 |
| **Mounting** | Handhole   |   Pedestal   |   Pole   |   Strand |
| **Port Type** | Hardened full-size SC/APC |
| **Port, quantity** | 11 |

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| | |
|---|---|
| **Splitter, quantity** | 2 |
| **Stub Type** | Stub tail |

## Dimensions

| | |
|---|---|
| **Height** | 80 mm  |  3.15 in |
| **Width** | 157 mm  |  6.181 in |
| **Length** | 257 mm  |  10.118 in |
| **Cable Length, stub** | 821 ft (250 m) |
| **Cable Outer Diameter** | 4.3 x 10.1 mm ( 0.17 x 0.40 in) in |

## Dimension Drawing



## Port Configuration

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| NOVUX HT | TECHNOLOGIES AVAILABLE | SMALL | MEDIUM | LARGE |
|---|---|---|---|---|
| **HST Series** | Single-fiber: P2P/no splitters | 2 ports | 6 ports | 12 ports |
| | | 4 ports | 8 ports | |
| | Single-fiber: P2P w/splitters | 2 ports, 1x1:2 | 8 ports, 2x1:4 | 12 ports, 3x1:4 |
| | | 4 ports, 1x1:4 | 8 ports, 1x1:8 | |
| | Hybrid for multi-use | | 7 ports, 1x1:4 splitter, 3 P2P | 12 ports, 1x1:8 splitter, 4 P2P |
| | | 4 ports, 1x1:2 splitter, 2 P2P | 8 ports, 1x1:4 splitter, 4 P2P | 11 ports, 2x1:4 splitter, 2 P2P, 1 HMFOC 4f |

## Ordering Tree

HST- ☐ ☐ ☐ ☐ ☐ ☐☐☐☐ ☐☐ ☐☐☐ ☐

**Housing color**

| B | Black, RAL 9005 |
|---|---|
| G | Gray, RAL 7035 |

**Number of ports**

| 2 | 2 port |
|---|---|
| 3 | 3 port |
| 4 | 4 port |
| 5 | 5 port |
| 6 | 6 port |
| 8 | 8 port |
| 9 | 9 port |
| A | 10 port |
| B | 11 port |
| C | 12 port |

**Adapter type**

| A | NOVUX Prodigy |
|---|---|
| H | Full-size |

**Configuration standard**

| N | No splitter |
|---|---|
| A | 1:2 splitter |
| B | 1:4 splitter |
| C | 1:8 splitter |
| D | 2x 1:4 splitter |
| E | 3x 1:4 splitter |
| F | 1:2 splitter + 2P2P |
| G | 1:4 splitter + 3P2P |
| H | 1:4 splitter + 4P2P |
| J | 1:8 splitter + 4P2P |
| K | 2x 1:4 splitter + 2P2P + 4f HMFOC |

**Cable type**

| A | Flat dielectric |
|---|---|
| B | Flat toneable |
| C | Round armored |
| G | Round dielectric |
| 0 | Stubless |

**Cable length**

| 0000 | 0 ft, 0 m |
|---|---|
| 0010 | 10 ft, 3 m |
| 0030 | 30 ft, 9 m |
| 0033 | 33 ft, 10 m |
| 0050 | 50 ft, 15 m |
| 0066 | 66 ft, 20 m |
| 0100 | 100 ft, 30 m |
| 0150 | 150 ft, 45 m |
| 0165 | 165 ft, 50 m |
| 0200 | 200 ft, 60 m |
| 0250 | 250 ft, 76 m |
| 0300 | 300 ft, 91 m |
| 0330 | 330 ft, 100 m |
| 0350 | 350 ft, 106 m |
| 0400 | 400 ft, 121 m |
| 0450 | 450 ft, 137 m |
| 0500 | 500 ft, 152 m |
| 0550 | 550 ft, 167 m |
| 0600 | 600 ft, 182 m |
| 0650 | 650 ft, 198 m |
| 0700 | 700 ft, 213 m |
| 0725 | 725 ft, 220 m |
| 0750 | 750 ft, 228 m |
| 0800 | 800 ft, 243 m |
| 0821 | 821 ft, 250 m |
| 0850 | 850 ft, 259 m |
| 0900 | 900 ft, 274 m |
| 0985 | 985 ft, 300 m |
| 1000 | 1000 ft, 304 m |
| 1100 | 1100 ft, 335 m |
| 1150 | 1150 ft, 350 m |
| 1200 | 1200 ft, 365 m |
| 1250 | 1250 ft, 381 m |
| 1300 | 1300 ft, 396 m |
| 1400 | 1400 ft, 426 m |
| 1500 | 1500 ft, 457 m |
| 1600 | 1600 ft, 487 m |
| 1642 | 1642 ft, 500 m |
| 1700 | 1700 ft, 518 m |
| 1750 | 1750 ft, 533 m |
| 2000 | 2000 ft, 609 m |

**Stub end**

| N | Splice stub |
|---|---|
| 0 | Stubless |
| H | Full-size |
| F | HMFOC plug (female/no pin) |

**Accessories**

| N | No accessories |
|---|---|
| U | Universal bracket |
| S | Strand bracket |
| P | Universal cable bracket |

**Customization**

| 000 | Standard (stub first) |
|---|---|
| 001 | Reverse spool (terminal first) |
| 002 | Plastic spool (stub first) |
| 003 | Plastic spool (terminal first) |

## 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**    7.5 dB

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

**Attenuation Splitter, maximum**    7.1 dB

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|---|---|
| **Attenuation Terminal Connectors, maximum** | 0.4 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 |
| **Environmental Space** | Above ground   \|   Below ground |
| **Qualification Standards** | IEC 60529, IP68 + 2 m waterhead   \|   IEC 61753-1, category G |
| **UV Resistance** | UV stabilized |

## Packaging and Weights

| | |
|---|---|
| **Included** | Universal mounting bracket |
| **Packaging quantity** | 1 |
| **Packaging Type** | Box   \|   Universal spool, cardboard: terminal is on top of the spool, stub deploys first |

## 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 |

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