

HXT-B6AVA0600FN000



NOVUX™ Prodigy™ Hardened Indexing Terminal, 24 Fiber with 3 Fiber multi-use ports, 1 Reverse HMFOC port, Dielectric flat loose tube, 600 ft /182 m HMFOC Plug (female/no pin) tail

- 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

| | |
|-------------------------------|---|
| Regional Availability | Asia EMEA Latin America North America |
| Product Type | Access terminal, without splitter/tap |
| Product Brand | NOVUX™ |
| Product Series | HXT |
| Minimum Order Quantity | 1 |

General Specifications

| | |
|-------------------------------|--|
| Cable Type | Dielectric - Flat - Loose Tube |
| Cable, quantity | 1 |
| Distribution Type | 24F multi-use 3F |
| Drop Port Type | Hardened Prodigy SC/APC |
| Drop Port, quantity | 3 |
| Enclosure Color | Black (RAL 9005) |
| Forward Port Type | Hardened multi-fiber (HMFOC) jack, male/pinned |
| Forward Port, quantity | 2 |
| Mounting | Handhole Pedestal Pole Strand |

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| | |
|-------------------------------|--|
| Port Type | Hardened Prodigy SC/APC |
| Port, quantity | 6 |
| Reverse Port Type | Hardened multi-fiber (HMFOC) jack, male/pinned |
| Reverse Port, quantity | 1 |
| Stub Type | Hardened multi-fiber (HMFOC) plug, female/no pin |

Dimensions

| | |
|-----------------------------|----------------------------------|
| Height | 80 mm 3.14 in |
| Width | 79 mm 3.11 in |
| Length | 255 mm 10.03 in |
| Cable Length, stub | 600 ft (182 m) |
| Cable Outer Diameter | 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, 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

Insertion Loss, Stub Connector, maximum 0.65 dB

Return Loss, Connector, maximum 65 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

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UV Resistance UV stabilized

Packaging and Weights

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 |

