

HXT-BCATA1750FN000



NOVUX™ Prodigy™ Hardened Indexing Terminal, 12 Fiber with 2 Fiber multi-use, 1 X 8 Splitter, 1 Reverse HMFOC port, Dielectric flat loose tube, 1750 ft/533 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, with splitter/tap |
| Product Brand | NOVUX™ |
| Product Series | HXT |
| Minimum Order Quantity | 1 |

General Specifications

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|-------------------------------|--|
| Cable Type | Dielectric - Flat - Loose Tube |
| Cable, quantity | 1 |
| Distribution Type | 1 x 8 splitter + multi-use ports (2) |
| Drop Port Type | Hardened Prodigy SC/APC |
| Drop Port, quantity | 10 |
| Enclosure Color | Black (RAL 9005) |
| Forward Port Type | Hardened multi-fiber (HMFOC) jack, male/pinned |
| Forward Port, quantity | 1 |
| Mounting | Handhole Pedestal Pole Strand |

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|-------------------------------|--|
| Port Type | Hardened Prodigy SC/APC |
| Port, quantity | 12 |
| Reverse Port Type | Hardened multi-fiber (HMFOC) jack, male/pinned |
| Reverse Port, quantity | 1 |
| Splitter, quantity | 1 |
| Stub Type | Hardened multi-fiber (HMFOC) plug, female/no pin |

Dimensions

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|-----------------------------|----------------------------------|
| Height | 80 mm 3.14 in |
| Width | 128 mm 5.03 in |
| Length | 207 mm 8.14 in |
| Cable Length, stub | 1750 ft (533 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



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 10.8 dB

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

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| | |
|---|---------|
| Attenuation Terminal Connectors, maximum | 0.4 dB |
| Insertion Loss, Splitter, maximum | 10.4 dB |
| Insertion Loss, Stub Connector, maximum | 0.65 dB |
| Return Loss, Connector, maximum | 65 dB |
| Return Loss, Single Ports, minimum | 55 dB |

Environmental Specifications

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|--------------------------------|---|
| 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

| | |
|---------------------------|---|
| 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 |

