# FST

## Base Product

### FST Flexible Service Terminal, factory-sealed

- Flexible Service Terminals incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Flexible structure plus very small branching unit, allowing installation in constrained spaces
- Hardened connectors are factory-integrated and environmentally sealed for use in optical drop cable deployments

The flexible service terminal (FST) series is designed specially for fast, easy network connections in space-constrained environments. A small terminal unit attached to staggered-length connector cables gives installers maximum flexibility in the tightest, most challenging install situations. Hardened fiber stubs make for fast, reliable, plugand-play distribution to customer premises. The FST's unique design also simplifies maintenance, as the flexible hardened adapter stubs are easy to clean and reconnect without removing the terminal from its installed position.

This factory-sealed terminal withstands harsh outside plant conditions, and is an ideal option for spaces such as handholes or congested pits where moisture is possible. The small unit's flexible structure gives technicians a wealth of install options— it's a simple solution that can reduce or even eliminate the costs of civil works and construction.

The FST series consists of three main families:

The **FST-B** features four single-fiber pre-connectorized, hardened, full-size connector adapter drops, and two four-fiber branch drops with HMFOC connectors.

The **FST-S** is available with a factory integrated 1x4 or 1x8 planar splitter and full-size connectors.

The **FST-T** terminal features pre-connectorized, hardened, full-size or miniaturized DLX single-fiber adapter drops and an HMFOC stub.

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   \|   Australia/New Zealand   \|   EMEA   \|   Latin America   \|   North America |
| **Product Type** | Access terminal, with splitter/tap   \|   Access terminal, without splitter/tap |
| **Product Series** | FST   \|   FST-B   \|   FST-S   \|   FST-T   \|   FST-T2 |

## General Specifications

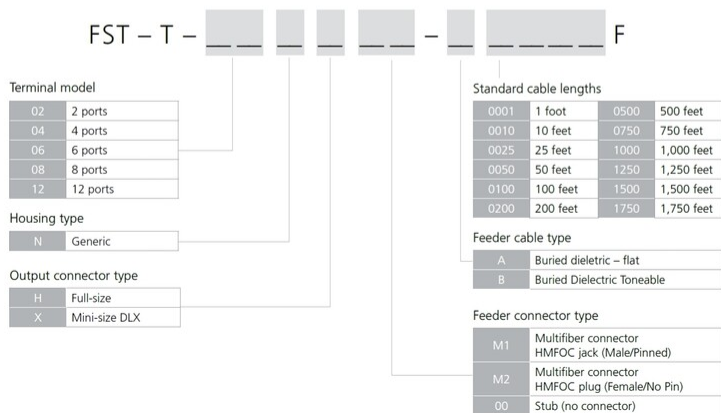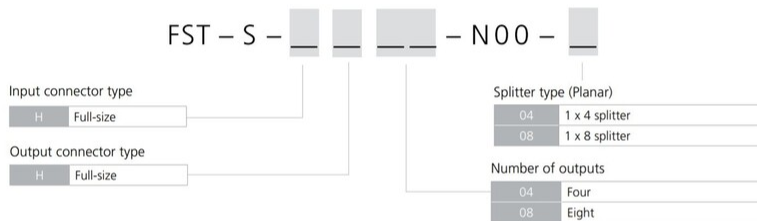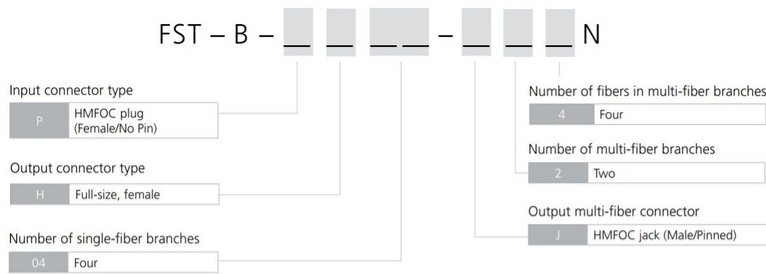| | |
|---|---|
| **Cable Type** | Dielectric - Flat - Loose Tube   \|   Dielectric - Loose Tube   \|   Toneable - Flat - Loose Tube |
| **Distribution Type** | 1 x 2 splitter   \|   1 x 4 splitter   \|   1 x 8 splitter   \|   12 ports   \|   2 ports   \|   4 ports   \|   6 ports   \|   8 ports |
| **Enclosure Color** | Black |
| **Mounting** | Handhole   \|   Pedestal |
| **Port Type** | Hardened full-size SC/APC   \|   Hardened mini-size DLX   \|   Hardened multi-fiber (HMFOC) jack, male /pinned |

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**Stub Type**         Hardened full-size SC/APC   |   Hardened multi-fiber (HMFOC) jack, no pins   |   Stub tail

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## Ordering Tree

**FST – B – __ __ __ __ – __ __ __ N**

**Input connector type**

| P | HMFOC plug (Female/No Pin) |
|---|---|

**Output connector type**

| H | Full-size, female |
|---|---|

**Number of single-fiber branches**

| 04 | Four |
|---|---|

**Number of fibers in multi-fiber branches**

| 4 | Four |
|---|---|

**Number of multi-fiber branches**

| 2 | Two |
|---|---|

**Output multi-fiber connector**

| J | HMFOC jack (Male/Pinned) |
|---|---|

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**FST – S – __ __ __ __ – N00 – __**

**Input connector type**

| H | Full-size |
|---|---|

**Output connector type**

| H | Full-size |
|---|---|

**Splitter type (Planar)**

| 04 | 1 x 4 splitter |
|---|---|
| 08 | 1 x 8 splitter |

**Number of outputs**

| 04 | Four |
|---|---|
| 08 | Eight |

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**FST – T – __ __ __ __ – __ __ __ __ __ F**

**Terminal model**

| 02 | 2 ports |
|---|---|
| 04 | 4 ports |
| 06 | 6 ports |
| 08 | 8 ports |
| 12 | 12 ports |

**Housing type**

| N | Generic |
|---|---|

**Output connector type**

| H | Full-size |
|---|---|
| X | Mini-size DLX |

**Standard cable lengths**

| 0001 | 1 foot | 0500 | 500 feet |
|---|---|---|---|
| 0010 | 10 feet | 0750 | 750 feet |
| 0025 | 25 feet | 1000 | 1,000 feet |
| 0050 | 50 feet | 1250 | 1,250 feet |
| 0100 | 100 feet | 1500 | 1,500 feet |
| 0200 | 200 feet | 1750 | 1,750 feet |

**Feeder cable type**

| A | Buried dieletric – flat |
|---|---|
| B | Buried Dielectric Toneable |

**Feeder connector type**

| M1 | Multifiber connector HMFOC jack (Male/Pinned) |
|---|---|
| M2 | Multifiber connector HMFOC plug (Female/No Pin) |
| 00 | Stub (no connector) |

## Material Specifications

| **Enclosure Material Type** | Hardened plastic |
|---|---|

## Environmental Specifications

| **Relative Humidity** | 5%–100%, condensing |
|---|---|
| **Environmental Space** | Above ground   \|   Below ground   \|   Buried |
| **UV Resistance** | UV stabilized |

## Regulatory Compliance/Certifications

| **Agency** | **Classification** |
|---|---|

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