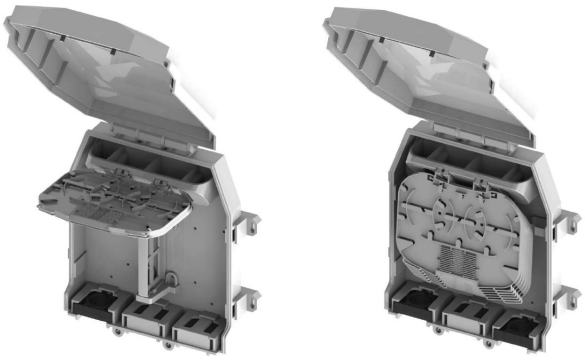
# Sapphire™ Scalable Fiber Terminal - Small Size

## Features & Benefits

- Compact footprint and cost effective solution.
- Wall mountable for both indoor and outdoor installations.
- Easy addition of ports/modules without service interruption. Reduced initial investment and optimized resource allocation.
- Dedicated splice and termination zones. Splice and pre-terminated configurations for plug-and-play readiness.
- Patch & Splice Version (pre-terminated):
  - Up to 12x SC spx (12F) or LC dpx (24F) adapters
  - Up to 24 splices (2x 12F Trays or 1x24F Tray)
  - With or w/o PLC splitters
- Splice Only Version:
  - Up to 72 splices (6x 12F Trays or 3x 24F Tray)
  - No adapters
  - With or w/o PLC splitters
- Innovative adapters bulkhead for easier access in the field.
- Removable cover hinged on top side.
- IP55 and IK07 rated.



## Overview

The Sapphire™ family brand includes an innovative generation of fiber terminals designed to meet the dynamic needs of Fiber-to-the-Home (FTTH) deployments, offering unparalleled scalability, ease of deployment, and intelligent features. Targeted for fiber distribution applications in greenfield FTTH deployments, brownfield network upgrades and expansions, multi-dwelling unit (MDU) connectivity, and smart city initiatives.

## Technical Data

| Dimensions (H x W x D) | Material | Weight |
|---|---|---|
| 254 x 190 x 75 mm<br>(10 x 7.48 x 2.95 in) | Flame retardant PC | 1.4 - 1.5 kg |

| Connectivity | Splice Capacity (max) |
|---|---|
| 12 SC simplex / 12 LC duplex Adapters | 24 splices (patch & splice config.)<br>72 splices (splice only config.) |

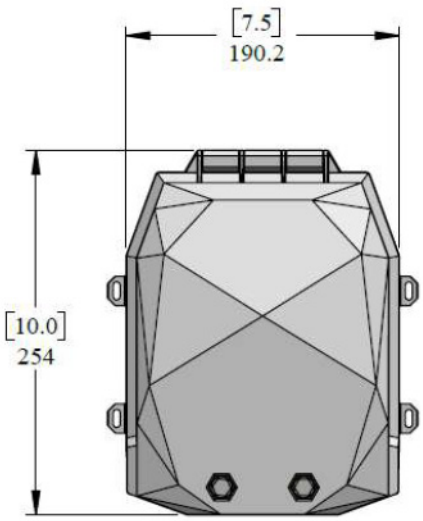
| PLC Splitters | Cable Entries |
|---|---|
| 1x2, 1x4, 1x8, 1x16 | Total 3x cable ports, each can be configured with:<br>- 1x Cable grommet: 5-25 mm diameter cables<br>- 1x Drop grommet: 12x 2-3 mm diameter cables<br>- 1x Drop grommet: 6x 4-6 mm diameter cables |

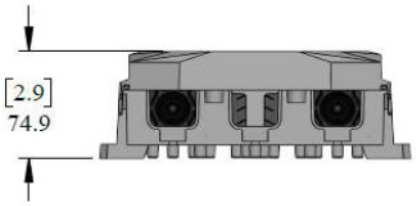
## Environmental Data

| Operating Temperature | 2011/65/EC ROHS | Environmental Protection |
|---|---|---|
| -40°C to 50°C<br>(-40°F to 122°F) | Fully Compliant | IP55 |

# Sapphire™ Scalable Fiber Terminal - Small Size

## Technical Drawing






These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

6176 E. Molloy Rd. East Syracuse, NY 13057
bbs.cs@belden.com
1-800-800-6652 • +1 315-431-7200

# Sapphire™ Scalable Fiber Terminal - Small Size

A BELDEN BRAND

## Ordering Information

### Example Patch & Splice configuration:

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFT - | S | L | A | 1 | 2 | A | 2 | 1 | H | 0 | 2 | 0 | 0 | |
| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | 7 | | 8 |

**SFT-SLA12A21H0200**
Sapphire™ Fiber Terminal Small Size, 12x LC/APC duplex green, 24x pigtails LC/APC 657.A2, 2x Splice Trays 12F Heat Shrink type, No Splitter, Key Lock.

### Example Splice Only configuration:

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFT - | S | N | N | 0 | 0 | N | N | 1 | C | 0 | 6 | 0 | 0 | |
| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | 7 | | 8 |

**SFT-SNN00NN1C0600**
Sapphire™ Fiber Terminal Small Size, No Adapters, No pigtails, 6x Splice Trays 12F crimp type, No Splitter, Key Lock.

**1 Terminal Size**
- S = Small

**2 Adapters Type**
- SA = SC Simplex APC Green
- SU = SC Simplex UPC Blue
- LA = LC Duplex APC Green
- LU = LC Duplex UPC Blue
- NN = No Adapters

**3 Adapters Count**
- 00 = No Adapters
- ...
- 12 = 12 (max)

**4 Pigtails Type**
- A1 = 657.A1
- A2 = 657.A2
- B3 = 657.B3
- NN = No pigtails

**5 Splice Tray Type**
- 1H = 12F Heat Shrink
- 2H = 24F Heat Shrink
- 3H = 12F V2 Heat Shrink
- 4H = 24F V2 Heat Shrink
- 1C = 12F Crimp splice
- 2C = 24F Crimp splice
- 3C = 12F V2 Crimp splice
- 4C = 24F V2 Crimp splice
- XX = No Splice Trays

**6 Number of Splice Trays**
- XX = No Splice Trays
- 01 = 1 (max # of 24F tray, patch & splice config.)
- 02 = 2 (max # of 12F trays, patch & splice config.)
- 03 = 3 (max # of 24F tray, splice only config.)
- 06 = 6 (max # of 12F trays, splice only config.)

**7 PLC Splitter**
- 00 = No Splitter
- 02 = 1x2
- 04 = 1x4
- 08 = 1x8
- 16 = 1x16
- 32 = 1x32

**8 Lock Type**
- Blank = Key Lock (metric)
- N = No Key Lock (metric)
- L = Key Lock (US)
- C = No Key Lock (US)

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