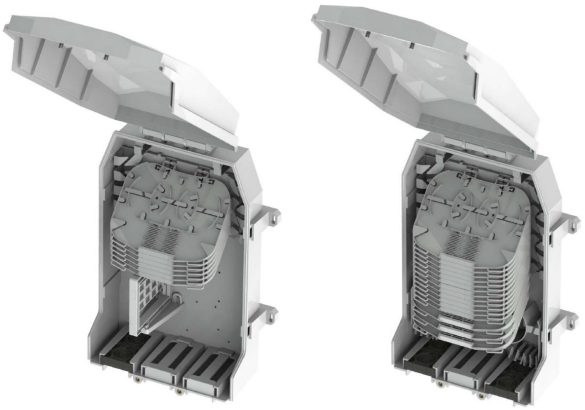
Sapphire™ Scalable Fiber Terminal - Medium Size

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 72 splices (6x 12F Trays or 3x 24F Tray)
  - With or w/o PLC splitters
- Splice Only Version:
  - Up to 216 splices (18x 12F Trays or 9x 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
355 x 207 x 111 mm (13.98 x 8.15 x 4.37 in)	Flame retardant PC	2.3 – 2.5 kg

Connectivity	Splice Capacity (max)
12 SC simplex / 12 LC duplex Adapters	72 splices (patch & splice config.) 216 splices (splice only config.)

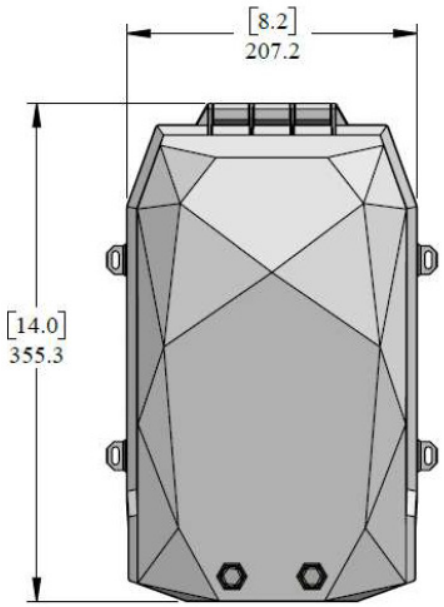
PLC Splitters	Cable Entries
1x2, 1x4, 1x8, 1x16, 1x32	Total 3x cable ports, each can be configured with: - 2x Cable grommets: 5-25 mm diameter cables / each - 1x Drop grommet: 24x 2-3 mm diameter cables - 1x Drop grommet: 12x 4-6 mm diameter cables

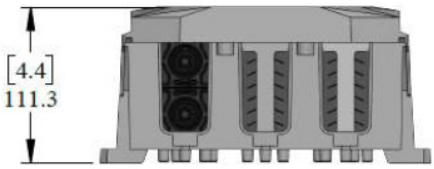
Environmental Data

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

Sapphire™ Scalable Fiber Terminal - Medium Size

Technical Drawing





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

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Sapphire™ Scalable Fiber Terminal - Medium Size

A BELDEN BRAND

Ordering Information

Example Patch & Splice configuration:

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

SFT-MLA06A21H0600
Sapphire™ Fiber Terminal Medium Size, 6x LC/APC duplex green, 12x pigtails LC/APC 657.A2, 6x Splice Trays 12F heat shrink type, No Splitter, Key Lock.

Example Splice Only configuration:

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

SFT-MNN00NN1C1800N
Sapphire™ Fiber Terminal Medium Size, No Adapters, No pigtails, 18x Splice Trays 12F crimp type, No Splitter, No Key Lock (metric closing screws).

1 Terminal Size
- M = Medium

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
- 03 = 3 (max # of 24F tray, patch & splice config.)
- 06 = 6 (max # of 12F trays, patch & splice config
- 09 = 9 (max # of 24F tray, splice only config.)
- 18 = 18 (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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