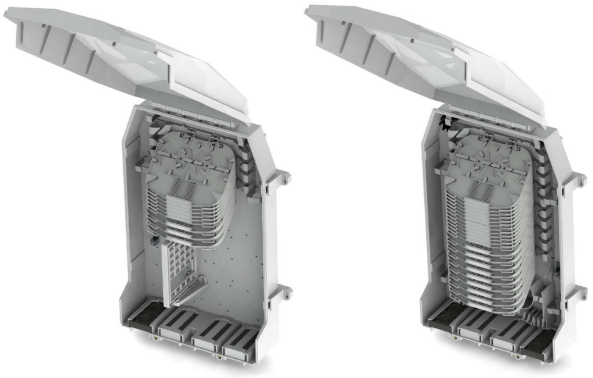
Sapphire™ Scalable Fiber Terminal - Large Size

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 24x SC spx (24F) or LC dpx (48F) Adapters
  - Up to 144 splices (12x 12F Trays or 6x 24F Trays)
  - With or w/o PLC splitters
- Splice Only Version:
  - Up to 360 splices (30x 12F Trays or 15x 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
444 x 268 x 111 mm (17.48 x 10.55 x 4.37 in)	Flame retardant PC	3.7 – 4 kg

Connectivity	Splice Capacity (max)
24 SC simplex / 24 LC duplex Adapters	144 splices (patch & splice config.) 360 splices (splice only config.)

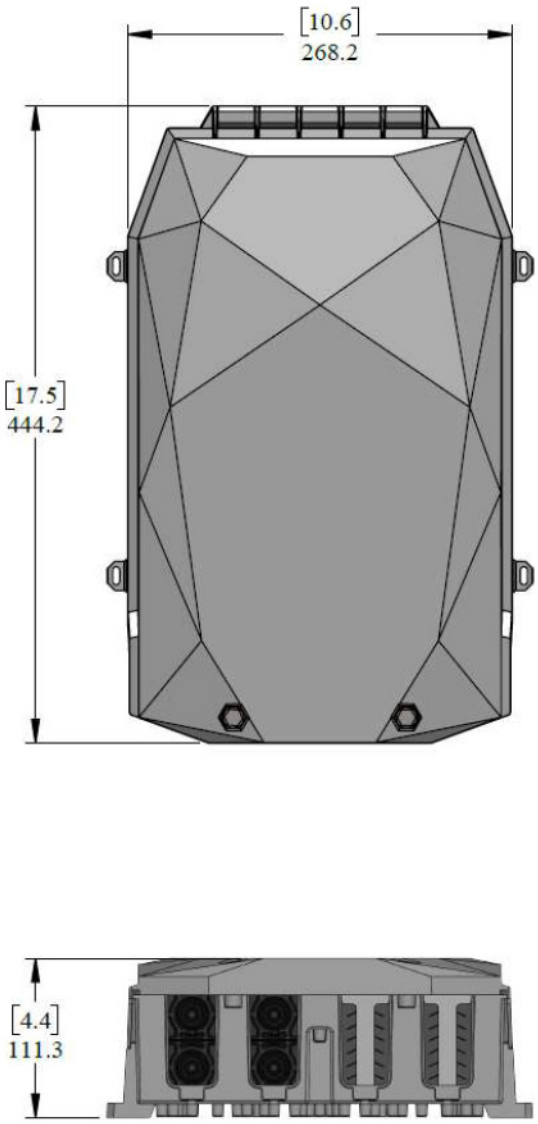
PLC Splitters	Cable Entries
1x2, 1x4, 1x8, 1x16, 1x32	Total 4x cable ports, each can be configured with: - 2x Cable grommets: 5-25 mm diameter cables / each - 1x Drop grommet: 24x 2-3 mm diameter cables - 1x Drop grommet: 12x 4-6 mm diameter cables

Environmental Data

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

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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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A BELDEN BRAND

Ordering Information

Example Patch & Splice configuration:

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

SFT-LLA24A21H1200
Sapphire™ Fiber Terminal Large Size 24x LC/APC duplex green, 48x pigtails LC/APC 657.A2, 12x Splice Trays 12F heat shrink type, No Splitter, Key Lock.

Example Splice Only configuration:

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

SFT-LNN00NN1C3000N
Sapphire™ Fiber Terminal Large Size, No Adapters, No Pigtails, 30x Splice Trays 12F crimp type, No Splitter, No Key Lock (metric closing screws).

1 Terminal Size
- L = Large

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
- ...
- 24 = 24 (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
- 06 = 6 (max # of 24F trays, patch & splice config.)
- 12 = 12 (max # of 12F trays, patch & splice config.)
- 15 = 15 (max # of 24F tray, splice only config.)
- 30 = 30 (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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