

Single Fiber Splice Terminal (SFST)



Product Overview:

The Single Fiber Splice Terminal (SFST) is a compact enclosure used for fiber splicing and small distribution points in broadband networks. The SFST supports up to sixteen SC/APC drop connections and accommodates splice or splitter configurations with internal trays for fiber organization. The terminal is used in aerial, pole, and below-grade locations for drop work, distribution routing, and repair activities in new or existing builds.

Features & Benefits:

- Fiber Count: Up to 16 SC/APC
- Fiber Category: Single-mode (OS2)
- Splice: 4 splice trays, 24 fibers per tray (96 total fibers)
- Splitter: 4 PLC splitters
- Cable Input: 2 ports (10mm–17.5mm)
- Branch Ports: 2 ports (8mm–17.5mm)
- Cable Output: 16 ports, accepts 3mm, 5mm, 8mm, or flat drop cables
- Sealing Method: Mechanical gasket with compression-based closure system
- Material: UV-resistant, high-impact thermoplastic housing
- Mounting Options: Pole, wall, strand, or underground

Environmental & Mechanical Properties:

- Operating Temperature: -40°C to 65°C (-40°F to 149°F)
- Cold Mate/Demate Performance: Maintains performance down to -40°C (-40°F)
- Ingress Protection: IP68-rated for dust and water resistance
- Standards Compliance: RoHS and REACH

Dimensions:

Length	Width	Height
14.5"	9.5"	5"

Features & Benefits:

- Integrated stackable splice trays provide organized fiber management and support higher splice counts
- Multiple cable entry points allow versatile routing and flexible network design
- Durable, UV-stabilized housing ensures long service life and environmental resistance
- Splice Tray Style: Stackable, hinged trays with fiber routing guides
- Closure Type: Reusable gasket and clamp system for secure, repeatable sealing

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