OptiSheath® Aerial Terminal, SCA-9T Series

features and benefits |

Design includes aerial hanging brackets	Easy installation
Quick-release clamps	Easy terminal re-entry
Individual strain-relief	Fiber protection and continuity
Cable sealing and reusable gel seals	Environmental protection

standards |

Meets Telcordia TR TSY-000949 and GR-771 CORE requirements

RDUP Listed

Corning Cable Systems OptiSheath® Aerial Terminal, SCA-9T Series is designed for the aerial fiber access network and provides a low-cost solution optimized for optical access architectures. These innovative terminals provide environmental protection and quick incremental connection of subscribers' drop cable with individual strain-relief, sealing of all cables and quick-release clamps for easy terminal re-entry.

Designed to install easily on a strand (aerial hanging brackets included), the terminal supports up to 12 OptiTap® Single-Fiber Drop Cable Assembly connector ports. Ports one through six are housed in the right end cap and ports seven through 12 are housed in the left end cap. There are three express ports per end cap. For fiber management capability, the 24 in terminal allows up to 7 ft of slack storage with a maximum fiber cable capacity of 216 loose tube fibers or 432 ribbon fibers. It will accommodate up to six (SCF-ST-126) splice trays for 144 single fibers or 288 ribbon fibers. The terminal has reusable gel seals for distribution cable ports.

(continued)

**OptiSheath Aerial Terminal
(SCA-9T24-046CP shown)** | Photo SHD165

**OptiSheath Aerial Terminal
(SCA-9T24-LRS shown)** | Photo SHD168

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OptiSheath® Aerial Terminal, SCA-9T Series

The -LRS (left - right - standard end caps) offers 16 direct splice ports for drops and 6 ports for express.

The 34-in terminal may be used in taut-sheath applications and will store up to 12 ft of slack. The longer terminal will accommodate the SCF-ST-077 splice tray for 48 to 288 single fibers or 8 to 432 ribbon splices. Both terminals are excellent for emergency restoration.

**OptiSheath® Aerial Terminal
(SCA-9T34-LRS shown)** | Photo SHD204

specifications |

	Dimensions (L x W x D) mm (in)	Weight kg (lb)	Installation Instruction
SCA-9T24	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T34	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337

Shipping Package

	Dimensions (L x W x D) mm (in)	Weight kg (lb)	Minimum Order Quantity
SCA-9T24-XX	1060.45 x 717.55 x 177.8 (41.75 x 28.25 x 7)	6.46 (14.25)	1 unit per box
SCA-9T34-XX	273.05 x 971.85 x 158.75 (10.75 x 38.25 x 6.25)	7.71 (17)	1 unit per box

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OptiSheath® Aerial Terminal, SCA-9T Series

specifications | (continued)

	Cable Ports per End	Details
Distribution Cable Area	2	32 mm (1.28 in.) Maximum Cable Diameter
Branch Cable Area	1	20 mm (0.79 in.) Maximum Cable Diameter
Drop Adapter	2, 4 or 6	OptiTap® Single-Fiber Drop Cable Assembly Connectors
Drop Cable Area	8	5 mm x 11 mm (0.197 in. x 0.433 in.) LRS and SR-SL only

Contact Corning Cable Systems Customer Care for pricing and availability.

**OptiSheath® Aerial Terminal -
Blank End Cap** | Photo SHD191

**OptiSheath Aerial Terminal - End Cap
with OptiTap Connector Adapters** | Photo SHD192

**OptiSheath Aerial Terminal -
Standard End Cap (LRS)** | Photo SHD193

OptiSheath Aerial Terminal (Closed) | Photo SHD149

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OptiSheath® Aerial Terminal, SCA-9T Series

ordering information

SCA - 9T ☐   ☐ - ☐   ☐   ☐   ☐   ☐ - ☐   ☐
          |1 |2 |3 |4

|1

Select terminal size.
24 = 24-in length
34 = 34-in length
See Note 1.

|2

Select # of adapters.
SRP-206-337
02 = 2 OptiTap®
     Connector
     adapters,
     right end cap
04 = 4 OptiTap
     Connector
     adapters,
     right end cap
06 = 6 OptiTap
     Connector
     adapters,
     right end cap
08 = 8 OptiTap
     Connector adapters,
     (6) right end cap,
     (2) left end cap
12 = 12 OptiTap
     Connector adapters,
     (6) right end cap,
     (6) left end cap
SRP-206-355
LRB = Left and right
      black end caps,
      no drop ports
LRS = Left and right
      standard end
      caps, 8 flat drops
      per end cap

See Note 2.

|3

Select OptiTap
Single-Fiber Connector
adapter type.

6CP   = Adapters with
        single-fiber pigtails
6RB   = Adapters with
        ribbon pigtails
See Note 3.
6CPR = Adapters in right
        end cap
6CPL = Adapters in left
        end cap

See Note 4.

|4

Select end cap type.
SR = Standard right end
     cap (for 8 flat drop
     cables)
SL = Standard left end cap
     (for 8 flat drop cables)
BR = Blank right side end
     cap, no drops

See Note 3.

Notes:
1) SCA-9T34-xxx terminals can accommodate 27-in sheath opening for taut-sheath application.

2) Accommodates up to 16 subscribers per terminal; 8 single-fiber or multifiber drops per end (LRS). The rest of the characters are left blank.

3) Use if standard adapter configuration is required. The rest of the characters are left blank.

4) If different configuration is required on 2 end caps, specify what side the adapters go in (left or right) and use space #4 to define other end-cap configuration.

For installation instructions for OptiTap adapters, please refer to SRP-206-337. For installation instructions for splice versions, refer to SRP-206-355. Terminal includes two distribution strain-relief brackets, one splice tray, aerial mounting brackets and SC APC pigtails. Terminals ordered with six or less ports have a blank end cap on the left end. Terminals may be expanded in the field by ordering the left end cap with additional ports and pigtails.

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OptiSheath® Aerial Terminal, SCA-9T Series

ordering information | (continued)

Part Number	Description
SCA-9T24-LRS	OptiSheath® Aerial Terminal, SCA-9T Series, 24-in length, left and right standard end caps, accommodates eight flat drops per end cap
SCA-9T24-066CPL-SR	OptiSheath Aerial Terminal, SCA-9T Series, 24-in length, six OptiTap® Connector adapters in left end cap, standard right end cap (for eight flat drop cables)
SCA-9T34-066CP	OptiSheath Aerial Terminal, SCA-9T Series, 34-in length, six OptiTap Connector adapters, right end cap, OptiTap Connector adapters with single-fiber pigtails
SCA-9T34-066E	OptiSheath Aerial Terminal, SCA-9T Series, 34-in length, six OptiTap Connector adapters, right end cap, OptiTap Connector adapters, no pigtails

Accessories

SCA-KT9-046CPL	OptiSheath Terminal Left End Cap with four OptiTap Single-Fiber Adapters
SCA-KT9-066CPL	OptiSheath Terminal Left End Cap with six OptiTap Single-Fiber Adapters
SCA-KT9-046CPR	OptiSheath Terminal Right End Cap with four OptiTap Single-Fiber Adapters
SCA-KT9-066CPR	OptiSheath Terminal Right End Cap with six OptiTap Single-Fiber Adapters
SCA-KT9-BLANK-L	OptiSheath Terminal Left End Cap, blank
SCA-KT9-BLANK-R	OptiSheath Terminal Right End Cap, blank
SCA-KT9-EC-L	OptiSheath Terminal Left End Cap for eight drop or multiport cables
SCA-KT9-EC-R	OptiSheath Terminal Right End Cap for eight drop or multiport cables
37R0044KITCOL-4	Four 1-Fiber 900 µm SC ACP, color, 1.5 m
37R0044KITCOL-6	Six 1-Fiber 900 µm SC ACP, color, 1.5 m
37R00441330-002M (4F)	4-Fiber Ribbon Pigtail, 2 m
37R00441331-002M (6F)	6-Fiber Ribbon Pigtail, 2 m
37R00441332-002M (8F)	8-Fiber Ribbon Pigtail, 2 m
37R00441333-002M (12F)	12-Fiber Ribbon Pigtail, 2 m
SCA-KT-PL-SCREW	Plastic Screws and Threaded Inserts for SCA terminal end caps (25/pack with one tube of sealing paste)
SCA-KT-CM-CAP	Central Member Caps and Nuts (25/pack)

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ordering information | (continued)

Part Number	Description
Accessories (continued)	
SCA-KT-BUG	Bug Nuts for aerial hanging brackets (10/pack)
SCA-KT-KNURL	Knurl Nuts (50/pack)
SCA-KT-VEL-12	Velcro Straps, 12-in (20/pack)
SCA-KT-VEL-18	Velcro Straps, 18-in (20/pack)
SCF-ST-126	Splice Tray, 0.4-in for use in standard bullhorn frame; 24 single-fiber or 4 mass splices; entry on both ends of tray
SCA-KT-9CBL-11	Strain-Relief Kit for drop/multiport cables (25/pack)
SCA-KT-9EXP	Aerial Terminal Express Cable Port Strain-Relief (2/pack)
SCA-KT-9EXP-20MM	Aerial Terminal Small Express Cable Port Strain-Relief (5/pack)
SCA-KT-RBN-GRMT	Split Ribbon Grommets and Tie Wraps (25/pack)
SCA-KT9-24-CVR	OptiSheath® Terminal 24-in Cover Kit; cover with 3 latches (2/pack)
SCA-KT9-GEL-EXP	OptiSheath Terminal Express Cable Gel Block Kit (2/pack)
SCA-KT9-AHD	OptiSheath Terminal Aerial Hanging Bracket (2 brackets)
TKT-OPT-JN	OptiTap® Single-Fiber Adapter Jam Nut Tool for 1/4-in socket wrench
TKT-OTAP-CLN-001	OptiTap Single-Fiber Adapter Cleaning Kit (SRP-006-111)
KT-OPT-ADPT	OptiTap Single-Fiber Adapter with mounting hardware (1 each)

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