

OptiSheath® Aerial Terminal, SCA-9T Series

An Evolant®
Solutions Product

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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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.



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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specifications | (continued)

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

Contact Corning Cable Systems Customer Service 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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ordering information | Shaded areas represent optional selections.



|1

Select terminal size.

24 = 24 in length
34 = 34 in length

See Note 1.

|2

Select adapter type.

SRP-206-337

- 026 = 2 OptiTap®
Connector adapters,
right end cap
- 046 = 4 OptiTap
Connector adapters,
right end cap
- 066 = 6 OptiTap
Connector adapters,
right end cap
- 086 = 8 OptiTap
Connector adapters,
(6) right end cap,
(2) left end cap
- 126 = 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.

- CP = Adapters with single-
fiber pigtailed
- RB = Adapters with ribbon
pigtailed
- E = Adapters, no pigtailed
- CPR = Adapters in right
end cap
- CPL = Adapters in left
end cap

|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

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).

3) 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 distribu-
tion strain-relief brackets, one
splice tray, aerial mounting
brackets and SC APC pigtailed.
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 pigtailed.

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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 8 flat drops per end cap
SCA-9T24-066CPL-SR	OptiSheath Aerial Terminal, SCA-9T Series, 24 in length, 6 OptiTap® Connector adapters in left end cap, standard right end cap (for 8 flat drop cables)
SCA-9T34-066CP	OptiSheath Aerial Terminal, SCA-9T Series, 34 in length, 6 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, 6 OptiTap Connector adapters, right end cap, OptiTap Connector adapters, no pigtails
Accessories	
SCA-KT9-046CPL	OptiSheath Terminal Left End Cap with 4 OptiTap Single-Fiber Adapters
SCA-KT9-066CPL	OptiSheath Terminal Left End Cap with 6 OptiTap Single-Fiber Adapters
SCA-KT9-046CPR	OptiSheath Terminal Right End Cap with 4 OptiTap Single-Fiber Adapters
SCA-KT9-066CPR	OptiSheath Terminal Right End Cap with 6 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 8 drop or multipoint cables
SCA-KT9-EC-R	OptiSheath Terminal Right End Cap for 8 drop or multipoint 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)

