

# OptiSheath® Aerial Terminal, SCA-9T Series



## Features and Benefits

<b>Design includes aerial hanging brackets</b> Easy installation
<b>Flexible internal fiber management</b> Exceptional splice tray flexibility (BYOT) and fiber routing
<b>Individual strain-relief</b> Fiber protection and continuity
<b>Cable sealing and reusable seals</b> Environmental protection
<b>Quick-release clamps</b> Easy terminal re-entry

## Standards

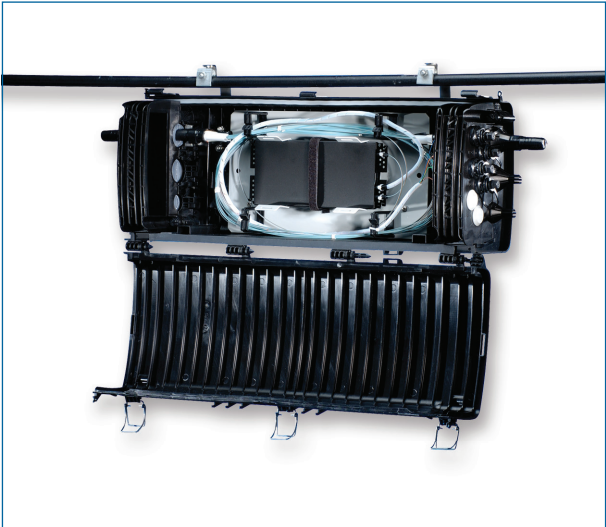
Approvals and Listings	Meets Telcordia TR TSY-000949 and GR-771 CORE requirements
Approval and Listings	RDUP (RUS) Listed

Corning OptiSheath® Aerial Terminal, SCA-9T Series is available in two lengths 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.

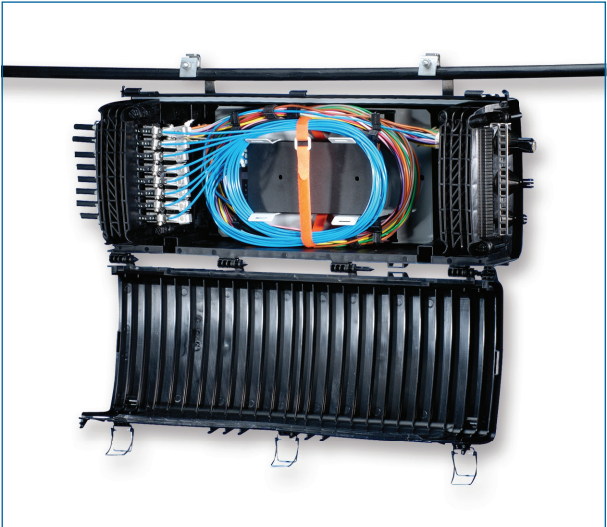
Designed to install easily on a strand (aerial hanging brackets included), the terminal supports up to 12 OptiTap® Connector Single-Fiber Drop Cable Assembly ports. Ports one through six are housed in the right end cap, and ports seven through 12 are housed in the left end cap. There are three express ports per end cap.

Corning 144 fiber cables or those with large central strength members (>4mm OD), require part no. SCF-MBR-CMS.

For fiber management capability, the 24-inch terminal allows up to 7 feet of slack storage. It will accommodate up to three SCF-ST-126 splice trays for a maximum capacity of 72 single fiber splices, or 144-fiber capacity if splicing ribbons.



OptiSheath Aerial Terminal with OptiTap ports (SCA-9T24-046CP shown) | Photo SHD165

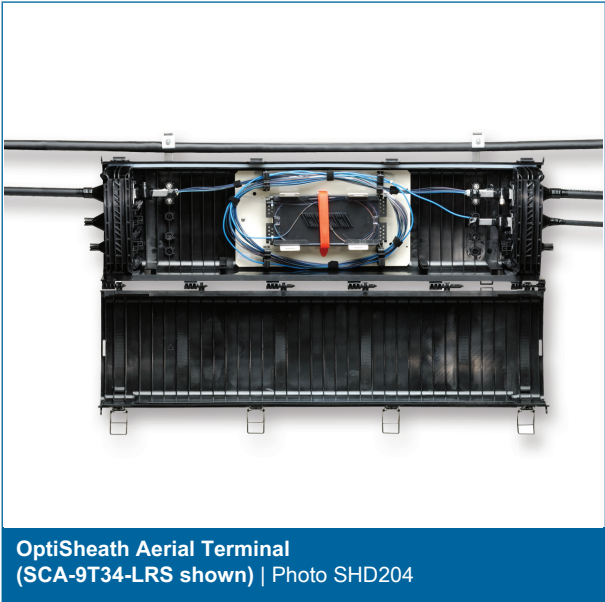


OptiSheath Aerial Terminal with flat drop end caps (SCA-9T24-LRS shown) | Photo SHD168

# OptiSheath® Aerial Terminal, SCA-9T Series



The 34 inch terminal may be used in taut-sheath applications and will store up to 12 feet of slack storage. This longer terminal will accommodate up to three SCF-ST-077 splice trays for a maximum capacity of 144 single fiber splices, or 216-fiber capacity if splicing ribbons. Both terminals have reusable gel seals for distribution cable ports. The -LRS (left - right - standard end caps) offers 16 direct splice ports for drops and six ports for express. Both terminals are excellent for emergency restoration.



## Ordering Information

SCA Terminal			
Part Number	Dimensions (L x W x D)	Weight	Installation Instructions
SCA-9T24	62.2 cm x 22.9 cm x 16.0 cm (24.5 in x 9.0 in x 6.3 in)	4.8 kg (13 lb)	SRP 206-409*
SCA-9T34	87.6 cm x 22.9 cm x 15.9 cm (34.5 in x 9.0 in x 6.5 in)	6.8 kg (15 lb)	SRP 206-409*

Shipping Package			
Part Number	Dimensions (LxWxD)	Shipping Weight	Units per Delivery
SCA-9T24	79.9 cm x 27.4 cm x 16.5 cm (28.3 in x 10.8 in x 6.5 in)	6.5 kg (14.3 lb)	1/1
SCA-9T34	97.2 cm x 27.4 cm x 16.5 cm (38.3 in x 10.8 in x 6.5 in)	7.8 kg (17.0 lb)	1/1

# OptiSheath® Aerial Terminal, SCA-9T Series



	Cable Ports per End	Details
Distribution Cable Area	2	25 mm (1.0 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, SCA-9T Series

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## Ordering Information

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### 1 Select terminal size.

24 = 24-in length  
34 = 34-in length

See Note 1.

### 2 Select number of OptiTap adapters.

#### Standard OptiTap configurations

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

#### Blank or Drop Cable End Caps

LRS = Left and right standard end caps, 8 flat drops per end cap  
LRS = Left and right standard end caps, 8 flat drops per end cap

See Note 2.

### 3 Select OptiTap Pigtail.

#### Standard OptiTap configurations only – no drop ports

6CP = Adapters with single-fiber pigtails  
6RB = Adapters with ribbon pigtails  
6E = Adapters with no pigtails

See Note 3.

#### Configurations combining 6 or less OptiTaps and drop ports

(not available with ribbon pigtails)

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 5.

#### Notes:

- 1) SCA-9T34-xxx terminals can accommodate 27-in sheath opening for taut-sheath application.
- 2) Accommodates up to 16 subscribers per terminal; eight single-fiber or multifiber drops per end (LRS). No further digits required.
- 3) If selected number of OptiTap adapters is six or less and no handling for non connectorized flat drop cable, left end cap will be blank. No further digits required.
- 4) For configurations combining six or less OptiTaps and drop, specify on which side the adapters go (left or right) and use space #4 to define other end cap configuration requirements.
- 5) If '6CPR' is selected and no drops are required, then default left end cap is blank. No further digits required.

For installation instructions for OptiTap Connector 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 fewer 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.

## Ordering Information

Part Number	Description
SCA-9T24-LRS	OptiSheath® Aerial Terminal, SCA-9T Series, 24-in length, left and right standard end caps (eight flat
SCA-9T24-06CPL-SR	OptiSheath Aerial Terminal, SCA-9T series, 24-in length, six OptiTap® connector adapters with single-fiber pigtails in left end cap, standard right end cap (for eight flat drop cables)

# OptiSheath® Aerial Terminal, SCA-9T Series

CORNING

## Ordering Information

Part Number	Description
SCA-9T34-066CP	OptiSheath Aerial Terminal, SCA-9T series, 34-in length, six OptiTap® connector adapters with single-fiber pigtails in right end cap, blank left end cap
SCA-9T34-066E	OptiSheath Aerial Terminal, SCA-9T series, 34-in length, six OptiTap® connector adapters with no pigtails in right end cap, blank left end cap

## Accessories

Part Number	Description
SCA-KT9-046CPL	SCA Kit, Left End Cap with four OptiTap Single-fiber Adapters
SCA-KT9-066CPL	SCA Kit, Left End Cap with six OptiTap Single-fiber Adapters
SCA-KT9-046CPR	SCA Kit, Right End Cap with four OptiTap Single-fiber Adapters
SCA-KT9-066CPR	SCA Kit, Right End Cap with six OptiTap Single-fiber Adapters
SCA-KT9-BLANK-L	SCA Kit, Left End Cap, blank
SCA-KT9-BLANK-R	SCA Kit, Right End Cap, blank
SCA-KT9-EC-L	SCA Kit, Left End Cap for eight drop or multiport cables
SCA-KT9-EC-R	SCA Kit, Right End Cap for eight drop or multiport cables
37R00441330-002M	4-Fiber Ribbon Pigtail, 2 m
37R00441331-002M	6-Fiber Ribbon Pigtail, 2 m
37R00441332-002M	8-Fiber Ribbon Pigtail, 2 m
37R00441333-002M	12-Fiber Ribbon Pigtail, 2 m
SCA-KT-GND	SCA Grounding Hardware. SRP 206-370
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)
SCA-KT-BUG	Bug Nuts for aerial hanging brackets (10/pack)
SCA-KT-KNURL	Knurl Nuts (50/pack)
SCA-KT-VEL-12	Hook and Loop Straps, 12-in (20/pack)
SCA-KT-VEL-18	Hook and Loop Straps, 18-in (20/pack)
SCF-ST-126	Splice Tray, 0.4 in for use in standard bullhorn frame; 24 single-fiber or four mass splices; entry on both ends of tray
SCA-KT-9CBL-11	SCA Strain-Relief Kit for drop/multiport cables (25/pack)
SCA-KT-9EXP	SCA Kit, Express Cable Port Strain-Relief (2/pack)
SCF-MBR-CMS	Kit, Large Central Member Tube Strain Relief, 2 barrels and screws
SCF-MBR-CMS-25	Kit, Large Central Member Tube Strain Relief, 25 barrels and screws
SCA-KT-9EXP-20MM	SCA Kit, Small Express Cable Port Strain-Relief (2/pack)
SCA-KT-RBN-GRMT	Split Ribbon Grommets and Tie Wraps (25/pack)
SCA-KT9-24-CVR	SCA Kit, 24-in Cover Kit; cover with three latches (2/pack)
SCA-KT9-AHD	SCA Kit, Aerial Hanging Bracket (2 brackets)

# OptiSheath® Aerial Terminal, SCA-9T Series



Accessories	
Part Number	Description
TKT-OTAP-CLN-001	OptiTap Connector Adapter Cleaning Kit

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