OptiSheath™ Advantage Aerial Terminal (SCA-9T24-xx and SCA-9T34-xx)

An Evolant® Solutions Product
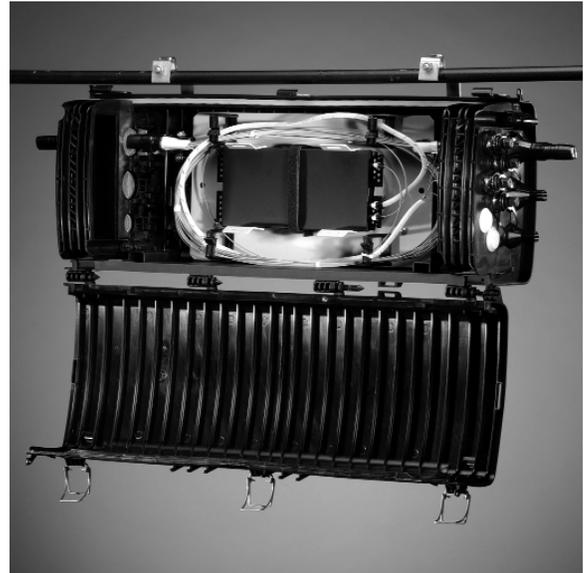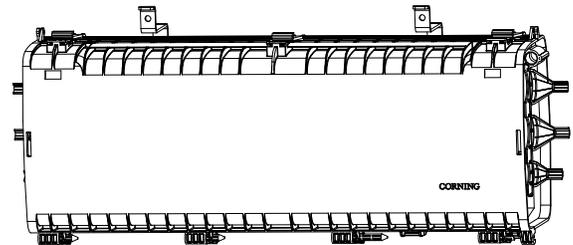
Description

The OptiSheath™ Advantage Terminal (SCA-9T24-xx and SCA-9T34-xx) is designed for the aerial fiber access network. These innovative terminals provide environmental protection and quick incremental connection of subscribers' drop cable. This unique design allows additional subscribers to be connected without opening the terminal, saving significant time and money.

Features / Benefits

- Provides a low-cost aerial terminal optimized for optical access architectures

- Designed to install easily on a strand (aerial hanging brackets included)

- Both the 24- and 34-inch units support up to 12 OptiFit® Advantage Drop Cable Assembly connectors
  - If four or six connectors are ordered, they will be housed in right end cap
  - If eight or 12 connectors are ordered, both end caps will be utilized

- 34-inch terminal may be used in taut-sheath application

- Includes one splice tray and appropriate number of pigtails

- Quick-release clamps for easy terminal re-entry

- Individual strain-relief and sealing of all cables

- Reusable gel seals for distribution cable ports

- Designed and third-party tested to meet Telcordia TR-TSY-000949 and GR-771

- Terminal Fiber Management Capabilities include:
  - Up to 7 feet of slack storage
  - Maximum fiber cable capacity is 216 loose tube and 432 ribbon
  - Accommodates up to 6 splice trays (144 single fibers or 288 ribbon fibers)

OptiSheath Advantage Aerial Terminal (open) | Photo SHD165

OptiSheath Advantage Aerial Terminal (closed) | Drawing ZA-2709

Terminal will include two distribution strain-relief brackets, internal connectorized SC/APC pigtails and aerial hanging bracket. SCA-9T24-02, -04 and -06 will have SC/APC adapters on the right end of the terminal with a blank end cap on the left. Terminal may be expanded in the field by ordering the left end cap with additional four or six OptiFit Advantage Drop Cable Assembly Connectors and connectorized pigtails.

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Specifications and Ordering Information

Product	Description	Dimensions (L x H x W) mm (in)	Weight kg (lb)	Installation Instruction
SCA-9T24-026CP	24-inch OptiSheath™ Terminal with two drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T24-046CP	24-inch OptiSheath Terminal with four drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T24-066CP	24-inch OptiSheath Terminal with six drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T24-086CP	24-inch OptiSheath Terminal with eight drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T24-106CP	24-inch OptiSheath Terminal with 10 drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T24-126CP	24-inch OptiSheath Terminal with 12 drop adapters	622.3 x 228.6 x 158.8 (24.5 x 9 x 6.3)	4.8 (13)	SRP 206-337
SCA-9T34-026CP	34-inch OptiSheath Terminal with two drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337
SCA-9T34-046CP	34-inch OptiSheath Terminal with four drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337
SCA-9T34-066CP	34-inch OptiSheath Terminal with six drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337
SCA-9T34-086CP	34-inch OptiSheath Terminal with eight drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337
SCA-9T34-106CP	34-inch OptiSheath Terminal with 10 drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337
SCA-9T34-126CP	34-inch OptiSheath Terminal with 12 drop adapters*	876.3 x 228.6 x 158.75 (34.5 x 9 x 6.5)	5.6 (15)	SRP 206-337

Note: For taut-sheath applications, 27-inch sheath opening.

Shipping Package Specifications

	SCA-9T24-xx	SCA-9T34-xx
Dimensions (L x H x W) mm (in)	1060.45 x 717.55 x 177.8 (41.75 x 28.25 x 7)	273.05 x 158.75 x 971.85 (10.75 x 6.25 x 38.25)
Weight kg (lb)	25.85 (57)	7.71 (17)
Minimum Order Quantity	4 units per box	1 unit per box

Additional Product Information

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	OptiFit® Advantage Drop Cable Assembly Connectors

Contact Customer Service for pricing and availability.

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Accessories

Part Number	Description
SCA-KT9-046CPL	SNAP OptiSheath™ Terminal left end cap with 4 OptiFit® adapters
SCA-KT9-066CPL	SNAP OptiSheath Terminal left end cap with 6 OptiFit adapters
SCA-KT9-046CPR	SNAP OptiSheath Terminal right end cap with 4 OptiFit adapters
SCA-KT9-066CPR	SNAP OptiSheath Terminal right end cap with 6 OptiFit adapters
SCA-KT9-BLANK-L	SNAP OptiSheath Terminal left end cap, blank
SCA-KT9-BLANK-R	SNAP OptiSheath Terminal right end cap, blank
SCA-KT9-EC-L	SNAP OptiSheath Terminal left end cap for 8 drop or multiport cables
SCA-KT9-EC-R	SNAP OptiSheath Terminal right end cap for 8 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
SCA-KT-PL-SCREW	Plastic screws and threaded inserts for SCA terminal end caps (25/pack with 1 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	Velcro straps 12" (20/pack)
SCA-KT-VEL-18	Velcro straps 18" (20/pack)
SCF-ST-126	Splice tray, 0.4" 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" terminal 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-BG	Crimp Tool and Heat Gun (SRP-009-043)
TKT-OPT-JN	OptiFit Jam Nut Tool for 1/4-inch socket wrench
TKT-OTAP-CLN-001	OptiFit adapter cleaning kit (SRP-006-111)
KT-OPT-ADPT	OptiFit adapter with mounting hardware (1 each)
KT-OPT-CONN-FD	OptiFit SC Plug connector assembly, Flat Drop

Contact Customer Service for part number and availability.

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