OptiSheath® Sealed Terminal, UCA Series

CORNING

Features and Benefits

Designed for aerial, pole, pedestal, buried
Variety of installation applications

Four distribution ports
Fiber management

Mass fusion splice capacity
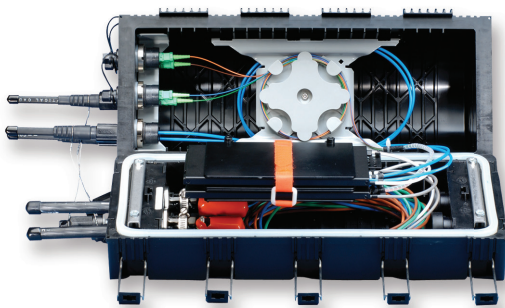Quick and easy installation

Standards

Approval and Listings	Meets Telcordia GR-771-CORE
Approvals and Listings	RDUP (RUS) Listed

Corning OptiSheath® sealed terminal, UCA series is designed for the aerial, pole, pedestal or buried fiber access network and provides a low-cost solution optimized for optical access architectures.
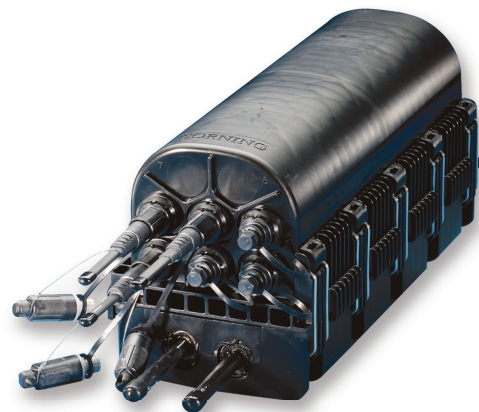
The terminal offers 16 drop ports for flat drop cable, with eight ports per side and up to 6 ft of buffer tube slack storage. The UCA terminal has two distribution ports per side for in-line and branch splicing. The terminal can be outfitted with up to 16 OptiTap® connector adapters (preconnectorized), 8 ports per side, 12 OptiTip® ports for multifiber drops in a single port or with mechanical adapters that allow the sealing and strain-relief of individual flat drop cables for direct fusion splicing inside the terminal.

It is not unusual for a customer to use a combination of both OptiTap connector adapters and mechanical adapters in the same terminal. The internal fiber management design allows for up to 6 ft of buffer slack storage in the base and the mounting of up to three splice trays (36 single-fiber splices or 144 ribbon).

Terminal kit content includes one splice tray (UCAO-ST06), predetermined number of pigtails and cover loaded up with factory-installed OptiTap connector adapters, OptiTip adapters or mechanical adapters. The UCA terminals are a key item in an optimized access network infrastructure. 144 fiber cables or those with large central strength members (>4 mm OD), require part number SCF-MBR-CMS.
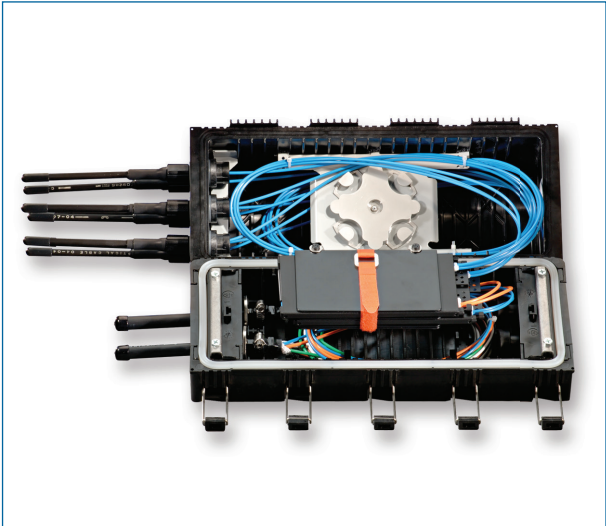

OptiSheath OptiTap Connector with Adapter Sealed Terminal (open) | Photo SHD160

OptiSheath Sealed Terminal (end cap) | Photo SHD159

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OptiSheath® Sealed Terminal, UCA Series

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OptiSheath Sealed Terminal with Mechanical Adapter for Direct Splice | Photo SHD177

Specifications

	Dimensions (LxHxD)	Weight
OptiSheath® Sealed Terminal, UCA Series	38.1 cm x 19.6 cm x 15.9 cm (15 in x 7.72 in x 6.25 in)	2.22 kg (5 lb)

Shipping Package		
	Dimensions (LxHxD)	Weight
	45.7 cm x 30.5 cm x 30.5 cm (18 in x 12 in x 12 in)	21.78 kg (8.25 lb)

Note: Standard unit includes terminal, specified number of drop port adapters, one single-fiber splice tray, wall-/pole-mounting bracket, two cable strain-relief brackets and installation instructions.

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Ordering Information

UCA ☐ - ☐☐ ☐ ☐☐ - W - ■■
    1   **2**   **3**   **4**   **5**

1 Select number of adapters.

4 = Up to 8 OptiTap Connector Adapter cable assemblies or blank adapters (left end)

5 = More than 8 OptiTap Connector Adapter node assemblies or blank adapters (both ends)

2 Select number of OptiTap Connector Adapters.

00 = No adapter
02 = 2 adapters
04 = 4 adapters
06 = 6 adapters
08 = 8 adapters
10 = 10 adapters
12 = 12 adapters
14 = 14 adaptes
16 = 16 adapters

3 Select adapter type.

6 = OptiTap Connector Adapter (single-fiber)
O = OptiTip Connector Adapter (multifiber connector, 12 fiber)

4 Select configuration (type of pigtails).

CP = OptiTap Connector Adapters with 900 µm pigtails
RB = OptiTap Connector Adapters with ribbon pigtails
TP = OptiTip Connector Adapters with 12 fiber MTP Connector 2.3 m pigtails

5 Select number of blank adapters (optional).

2B = 2 mechanical adapters for flat drop cables
4B = 4 mechanical adapters for flat drop cables
6B = 6 mechanical adapters for flat drop cables
8B = 8 mechanical adapters for flat drop cables

Notes
1) One to eight positions left end with nine to 16 on right end.
2) Total 16 ports, maximum 36 splices. All CP and RB versions include: one splice tray for 12-fiber splicing, two express port hardware, pigtails, spiral wrap, wall/pole bracket. E version does not include pigtails.
3) If using armored cable: order UCN-GNDS20 and UCN-GNDCBL-20.

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Accessories

Part Number	Product Description	Units per Delivery	
UCA-ST-02	UCAO OptiSheath® Splice Tray, 12 single-fiber splices, 0.2	1/1	
UCAO-ST-03	UCAO Splice Tray holds 4 mass fusion splices, 0.2	1/1	
UCAO-ST-06	UCAO OptiSheath Splice Tray, 12 single-fiber splices or 4 mass fusion splices, 0.4	1/1	
UCAO-BK1	Wall-Pole-Mount Bracket	1/1	
UCN8-KT-BND	Pole Strap	1/1	
SCA-KT-VEL-12	Hook and Loop Straps, 12-in (20/pack)	20/1	
UCA4-KT-PLUG	Dummy Plugs for cable entry ports, pre-wrapped with tape, 5 per pack	1/1	
UCA4-KT-EXP	Express Cable Strain-Relief Hardware, straps not included, 10 per pack	1/1	
SCF-MBR-CMS	Large Central Member Tube Strain-Relief Kit, 2 barrels and screws	1/1	
SCF-MBR-CMS-25	Large Central Member Tube Strain-Relief Kit, 25 barrels and screws	1/1	
UCA4-KT-SR	Sealing-Ring Gasket, silicone, 10 per pack	1/1	
UCA-KT-AHD	OptiSheath Below-Ground Terminal Aerial Long Hanging Bracket with cross-brace	1/1	
UCA4-KT-AHD	OptiSheath Below-Ground Terminal Aerial Short Hanging Bracket	1/1	
UCA4-KT-PLUG-FV	Cable Entry Port (dummy plug with flash valve), 5 per pack	1/1	
UCA-KT-POLE	OptiSheath Below-Ground Terminal Pole-Mount Bracket	1/1	
UCAO-TP	UCA Sealing Tape for cables, 10 per pack	10/1	
UCA4-KT-EC-TP	Pre-Cut Tape for end cap wedges, 20 per pack	1/1	
UCA4-KT-SCREW	Metal Screw for wedge and end cap, 25 per pack	25/1	
UCN-GND-S20	Ground Bonds, small, 3 m, 20 per pack	20/1	
UCN-GNDCBL-20	Ground Leads, 8 in, 6-gauge, 20 per pack	20/1	
TKT-OTAP-CLN-001	OptiTap Connector Adapter Cleaning Kit	1/1	

* Note: Contact a Corning Customer Care Representative for pricing and availability.

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