

Wireless Consolidation Terminal

An Evolant®
Solutions Product

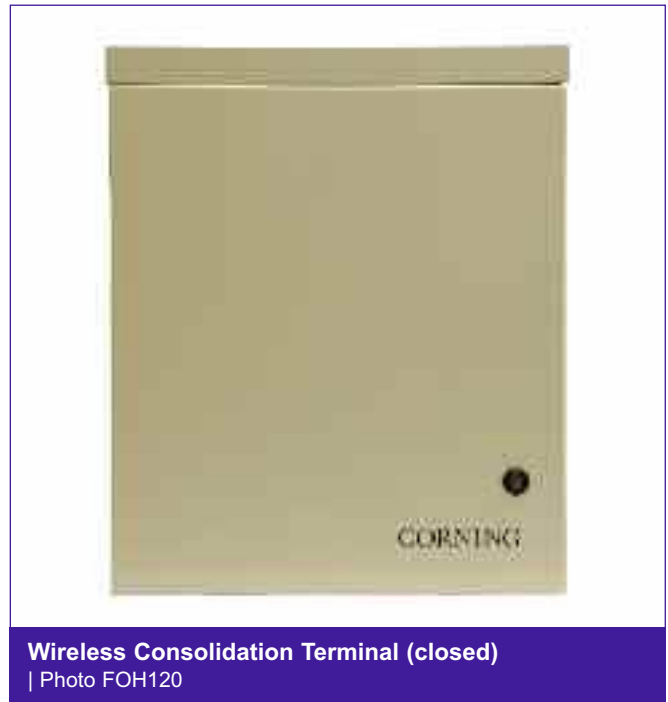
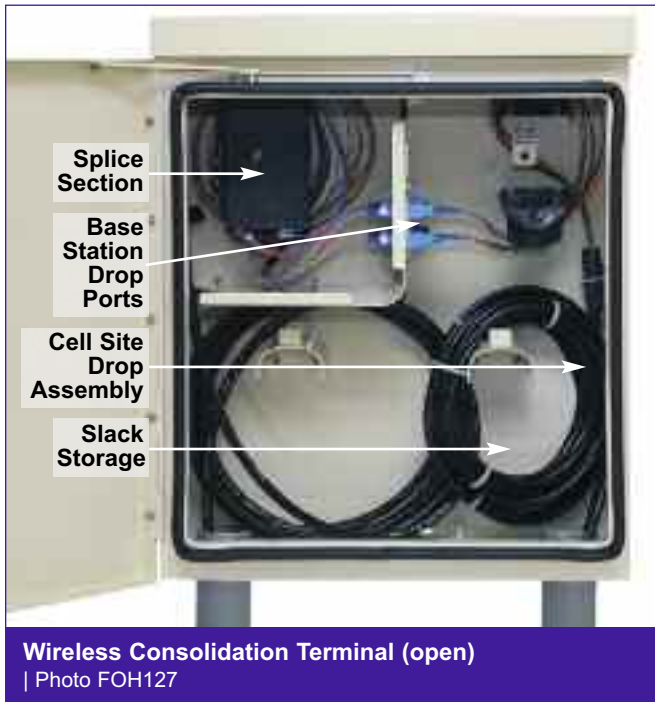
features and benefits |

Distinct zones for splicing, customer access and cable slack storage	Fiber management is simple and fast
10 available cable entry points compatible with either direct conduit or Hubbell-style fittings	Capacity available for multiple carrier connections
SONET continuity port	Provides design flexibility for ring topologies
Telcordia tested, equivalent to NEMA 3	Weathertight and environmentally sealed per applicable sections of GR-2898 specification

Corning Cable Systems Wireless Consolidation Terminal (WCT) allows wireless backhaul providers to easily manage fiber drops to base station equipment at the cell site. The robust metal design provides exceptional protection from weather. It is lightweight, lockable, shotgun resistant, and has been tested to Telcordia GR-2898 specifications for fiber demarcation boxes.

The internal fiber management is divided into three distinct zones: a splice zone, a customer access zone, and a cable slack storage zone. The splice zone provides space for up to four splice trays stacked on top of two fiber routing guides, enabling 48 single fiber or mass fusion splicing or direct terminations with Corning Cable Systems OptiSnap® Connectors. The customer access zone provides WDM and splitter capabilities and connectivity to the splice zone as well as loop back capability. It also includes routing guides for 2.0 mm pigtails and splice tray holders. Finally, the cable slack storage zone includes ample space for up to 125 ft of 0.8 mm (0.31 in) cable, such as Corning

(continued)



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Cable Systems 12-fiber FREEDM® LST™ Cable, and includes routing guides with vertical tabs that facilitate slack coil placement and security. Corning Cable Systems Cell Site Drop Assembly, a preconnectorized

cable assembly, is used in the WCT as a companion product that makes the final link from the wireless demarcation cabinet to an individual operator.

specifications |

Part Number	Description	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
WCT-04P	Wireless Consolidation Terminal (WCT), empty, shipped with standard H-frame mounting bracket (purchase trays and connector panels separately)	58.4 x 48.3 x 27.9 (23 x 19 x 11)	14.5 (32.0)

ordering information |

Part Number	Description
M67-110	Splice Tray, 0.4, 12 heat-shrink fusion splices, 6 heat-shrink mass fusion splices
WCT-KT-HMNTG	WCT H-Frame Mounting Bracket Kit
WCT-KT-POLE	Pole Mounting Kit for WCT
EDC-2N4-KIT	Fitting, 2-in Conduit, NEMA 4
WCT-KT-CBL	Kit, Cable Entry Fittings, .25 -.75

references |

Wireless Consolidation Terminal (standard recommended procedures)	SRP-003-804
Cell Site Drop Assembly	EVO-1018-EN
OptiSnap® Single-Mode Field-Installable Connector Tool Kits	EVO-960-EN

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ordering information | (continued)

WCT	<input type="checkbox"/>	<input type="checkbox"/>	P	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	3R	<input type="checkbox"/>	<input type="checkbox"/>	D	<input type="checkbox"/>
	1			2			3				4	5		6

|1
Select number of pigtails.
06 = 6 pigtails
12 = 12 pigtails
24 = 24 pigtails
36 = 36 pigtails
48 = 48 pigtails

|2
Select number of fibers/panel.
06 = 6 fibers/panel
12 = 12 fibers/panel

|3
Select adapter type.
3C = SC UPC
6C = SC APC

|4
Select pigtail type.
J = Ribbon
N = Single fiber 900 μm

|5
Select number of splice trays.
1 = 1, M67-110 Splice Tray
2 = 2, M67-110 Splice Trays
3 = 3, M67-110 Splice Trays
4 = 4, M67-110 Splice Trays

|6
Select lock option.
0 = No Lock
L = Locking

Pigtailed Adapter Panels

WCT - CP	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	-	P03R	<input type="checkbox"/>
	1			2			3			4

|1
Select number of pigtails/panel.
06 = 6 pigtails/panel
12 = 12 pigtails/panel

|2
Select adapter type.
3C = SC UPC
6C = SC APC

|3
Select labeling type.
A = 1-12
B = 13-24
C = 25-36
D = 37-48
E = 1-6
F = 7-12
G = 13-18
H = 19-24

|4
Pigtail type.
J = Ribbon
N = Single fiber 900 μm

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notes |

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

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