

FlexAccess 9000 **CENTRAL OFFICE TERMINAL (COT) SHELF KITS**

COT SHELF KIT FOR 19/23" MOUNTING WITH ATM CORE CONTROLLER
COT SHELF KIT FOR 19/23" MOUNTING WITH ETHERNET CORE CONTROLLER

MODEL 9000-101-K
MODEL 9000-103-K

Introduction

The CONKLIN *FlexAccess 9000* system is a leading-edge technology platform that provides voice and broadband services over a wide range of distances and loop impairments. *FlexAccess* Central Office Terminal (COT) shelves house the modules that provide POTS and/or ADSL service.

These kits include the parts you need to set up a COT shelf with a Core Controller module:

Model 9000-101-K

Quantity	CONKLIN Model No.	Description	Technical Document
1	9121	COT shelf	IP-9121-xx
1	9124	ATM Core controller module	IP-9124-xx
1	9111	Fan Assembly	IP-9111-xx
16	9120	Slot blockers	--
1	4000CIR	<i>FASTCraft Remote</i> management software CD	UM-9124CI-xx

Model 9000-103-K

Quantity	CONKLIN Model No.	Description	Technical Document
1	9121	COT shelf	IP-9121-xx
1	9125	Ethernet Core controller module	IP-9125-xx
1	9111	Fan Assembly	IP-9111-xx
16	9120	Slot blockers	--
1	4000CIR	<i>FASTCraft Remote</i> management software CD	UM-9125CI-xx

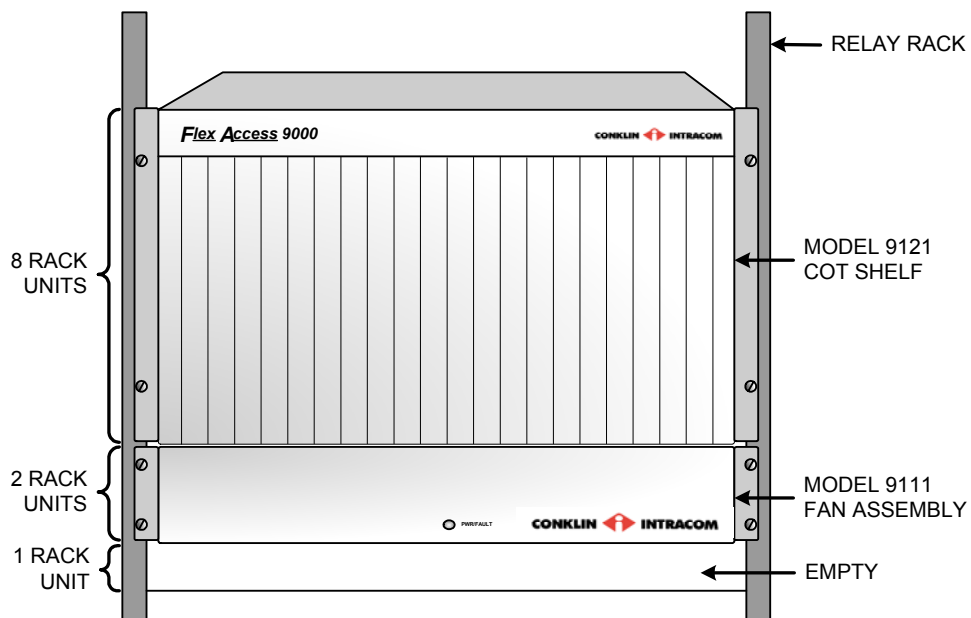
To expand service, remove the appropriate slot blocker and insert the desired system module in its place. For information about POTS and/or ADSL modules available for ordering, please refer to the COT Shelf Installation Procedure (IP-9121-xx)

Mounting Location

The shelf kits install in either a 19" (48 cm) or 23" (58 cm) relay rack in the Central Office. Installation of all components requires 19.25" (48.9 cm) of available vertical space, or 11 rack units (RUs) (Figure 1):

Component	RUs Required
COT shelf	8
Fan assembly	2
Empty RU below fan assembly	1
Total	11

Note: The fan assembly mounts in the relay rack *directly below* the COT shelf so the fans can dissipate heat generated by the shelf above.



NOTE: IF USING A DEFLECTOR, 1 RU OF SPACE BELOW THE FAN ASSEMBLY IS NOT NECESSARY.

Figure 1 – Component Mounting Locations in Relay Rack

Installation

To install the shelf kit components:

1. Mount the Model 9121 COT shelf according to instructions in the *FlexAccess 9000 COT Shelf* installation procedure (IP-9121-xx) included.
2. Mount the fan assembly directly below the COT shelf according to instructions in the *Flex Access 9000 Fan Assemblies for COT Shelves* installation procedure (IP-9111-xx) included.
Important: *Do not* leave any gap between the COT shelf and the fan assembly. However, *do* leave 1 RU of empty space below the fan, or use a one-RU deflector (see Figure 1).
3. Make ground and cable connections for the shelf and fan assembly according to installation procedures included.
4. Insert the Model 9124 or 9125 Core Controller module in the **COM A** slot according to instructions in the *FlexAccess 9000 Core Controller Modules* installation procedure (IP-9124-xx or IP-9125-xx) included.
5. Insert application modules (purchased separately) in the numbered slots beginning with slot 1. Connect cables according to installation procedures included with the modules.
6. Install slot blockers (included) over any remaining empty slots by tightening the top and bottom thumb screws on each.
7. Install the software by inserting the *FASTCraft Remote* CD in the CD-ROM drive of the PC from which you will configure and manage the *FlexAccess* systems. Follow instructions in *FASTCraft Craft Interface User Manual for FlexAccess Model 9000 Systems* (UM-9124CI-xx or UM-9125CI-xx) included on the CD.