

# SMALL CELL INSTALLATION KITS



Revision: 2 | November 2023

Our portfolio of concealment solutions, designed to service carriers and neutral hosts in the telecom industry, includes a variety of pre-configured options as well as custom integrations to meet customer-specific applications.

Save time and cost on installation with our pre-configured radio equipment kits, line power kits and connectivity kits. All kits are available either as individual components or as complete kitted solutions.

With the acquisition of Schroff Technologies (Schrofftech), RFI is able to leverage a long-standing track record and outstanding operational capabilities to fully support any project.



## RADIO EQUIPMENT KITS

- Radio Brackets
- Power Distribution Unit
- Internal RF Cabling
- Internal Fiber Cables
- Cooling System

## LINE POWER KITS

- Input Cables
- Output Cables
- Converter Cables
- Radio Power Cables

## CONNECTIVITY KITS

- Power Meter Tray and Disconnect
- Power Wiring
- Mounting Sleds
- RF Cables from Shroud to Antenna
- Fiber Cables from Shroud to Customer Demark

## RADIO EQUIPMENT KITS



We have pre-configured radio equipment kits available for specific concealment shroud and radio combinations (see back for details). On behalf of our customers, we can warehouse and inventory 4G/5G radios from leading OEM radio manufacturers including Nokia, Ericsson, and Samsung which enables us to pre-integrate radios into shrouds.

<b>Radio Brackets</b>	All brackets to mount equipment into shroud for a given set
<b>Power Distribution Unit</b>	PDU for this equipment set, incl. internal power wiring and switches
<b>Internal RF Cabling</b>	All internal RF cables for selected equipment if applicable
<b>Internal Fiber Cables</b>	All internal fiber cables for selected equipment if applicable
<b>Cooling System</b>	Internal cooling system (fans, temp. sensors, control) for selected equipment if applicable

*Other configurations available upon request.*

## LINE POWER KITS



Line power kits are available if needed to complete your deployment.

### LP100

Input Cables  
Output Cables  
Converter Cables  
Radio Power Cables

## CONNECTIVITY KITS



RFI offers a choice of turnkey, pre-configured and custom connectivity kits to meet any RF, fiber, and power requirements. Our engineers will examine site specific construction drawings to determine requirements (e.g. length of cables and connector types). PIM test reports for cable assemblies are available on RFI's website.

### SK100

Power Meter Tray and Disconnect  
Power Wiring  
Mounting Sleds  
RF Cables  
Fiber Cables

### SK101

RF Cables  
Fiber Cables  
Mounting Sleds

# SMALL CELL INSTALLATION KITS



## PRE-CONFIGURED RADIO EQUIPMENT KITS

### TRUFIELD® POLE TOP SHROUD AF000380 SERIES\*



**NOKIA:**  
Nokia Airscale micro radios  
Nokia AEWE+AEWD

**ERICSSON:**  
Ericsson 220x or 440x series  
Ericsson 6701

**SAMSUNG:**  
Samsung AT1K0x

*\* Radios listed are examples only. Can be configured to fit any small cell or current mmWave radio on the market.*

*NOTE: Depending on the final shroud system size, 3 to 12 small cell radios and/or 3 to 9 5G mmW radios or combination of both can be concealed in single or multicarrier configurations.*

### MID-POLE SHROUD AF000344

42"H X 24"W X 14"D



**N1 CONTENTS:**  
Nokia Airscale Radio AHFB (PCS1900)  
Nokia Airscale Radio AHIB (AWS2100)  
Nokia Airscale Radio AZRB (LAA)  
AWS/PCS Dual Diplexers (Qty. 2) – Sourced by RFI

**C1 CONTENTS:**  
Commscope ION-M Radio

**C1E7 CONTENTS:**  
Commscope ION-M Radio  
Ericsson 220x Radios (Qty. 3)

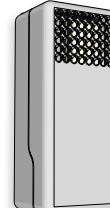
**E1 CONTENTS:**  
Ericsson Radio 8843 (AWS2100)  
Ericsson Radio 2205 (LAA)

**E2 CONTENTS:**  
Ericsson Radio 4449 (700Mhz)  
Ericsson Radio 2205 (LAA)

**E6 CONTENTS:**  
Ericsson Radio 8843 (AWS2100)  
Ericsson Radio 4449 (700 MHz)

### MID-POLE SHROUD AF000361

38"H X 16"W X 14"D



**N1 CONTENTS:**  
Nokia Airscale Radio AHFB (PCS1900)  
Nokia Airscale Radio AHIB (AWS2100)  
Nokia Airscale Radio AZRB (LAA)  
AWS/PCS Dual Diplexers (Qty. 2) – Sourced by RFI

**C1 CONTENTS:**  
Commscope ION-M Radio

**C1E7 CONTENTS:**  
Commscope ION-M Radio  
Ericsson 220x Radios (Qty. 3)

### MID-POLE SHROUD AF000141

35"H X 15.5"W X 9"D



**N1 CONTENTS:**  
Nokia Airscale Radio AHFB (PCS1900)  
Nokia Airscale Radio AHIB (AWS2100)  
Nokia Airscale Radio AZRB (LAA)  
AWS/PCS Dual Diplexers (Qty. 2) – Sourced by RFI

**C1 CONTENTS:**  
Commscope ION-M Radio

**C1E7 CONTENTS:**  
Commscope ION-M Radio  
Ericsson 220x Radios (Qty. 3)

## ABOUT RF INDUSTRIES

RF Industries (RFI) provides a portfolio of small cell concealment products and integrated solutions to facilitate the rapid deployment of 4G and 5G infrastructure along with the flexibility and creativity to meet the most challenging small cell deployments.

Our high-touch customer approach allows us to be responsive, accessible and hands-on when needed, every step of the way. Unlike large organizations, you will always be our number one priority. Our end-to-end support promises personal attention, guidance, and partnership all the way through site deployment.

RFI's unique flexibility also gives us a competitive advantage. As an agile business, we are able to identify and react to challenges quickly and easily, resulting in a smoother overall customer experience



### RF INDUSTRIES

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Revision 2