

# SHRD5 Concealment Shrouds

## Pole-Top Radio Shrouds



### SHRD5 Description

SHRD5 is a NEC-compliant protective shroud enclosure that supports and conceals 4G and 5G remote radio heads (RRH) and 4G antennas. Its weather-resistant design is suited for aesthetic equipment concealment at the top of wood or metal poles, and helps meet municipal requirements for concealed radio deployments.

The SHRD5 consists of a central mast with a cylindrical shroud vented at the top and bottom. The mast has mounting brackets for up to three radios accessible through removable panels. The mast's universal design easily adapts to accept virtually any manufacturer's radio configuration. All radio equipment and antennas are customer supplied. SHRD5 are available in heights of 37" to 92" to support various radios and configurations.

Optional radio shroud skirts (SKRT1) are available, providing concealment for cabling as it enters the bottom of the SHRD5.

### SHRD5 Specifications

#### Construction:

Radio Mounting Brackets: 12GA steel  
Curved Panels: .090" aluminum (SHRD5-7118 models)  
Composite material (all other models)  
Mast: Stainless steel

#### Bonding/Grounding:

Multiple position ground bar on mast base

#### Operating Temp:

-40° to +131°F, inside enclosure; -40° to +115°F, outside enclosure

#### Humidity:

0 to 95% (non-condensing)

#### Altitude:

Up to 2,000 meters (6560')

Many different color finishes are available. Radio shroud skirts and Radome antenna shrouds are available in many different heights. Other pole mount and antenna mount options are available. Please call Charles Industries at 847-806-6300 for further details.

SHRD5 Poletop 4G/5G Radio Concealment Shrouds

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### 37" HIGH, 28" DIAMETER SHRD5-3728 CONFIGURATIONS AND COLOR OPTIONS

PART NUMBER	RADIOS SUPPORTED	COLOR	4G ANTENNAS SUPPORTED	TOUCH-UP PAINT
SHRD5-3728RVUGN	(3) Nokia AEUB/ASOD RRH/BBU units	National Park Brown	None	02-000585-0

### 60" HIGH, 16" DIAMETER SHRD5-6016 CONFIGURATIONS AND COLOR OPTIONS

PART NUMBER	RADIOS SUPPORTED	COLOR	4G ANTENNAS SUPPORTED	TOUCH-UP PAINT
SHRD5-6016NUDA	(1) Nokia Airscale Micro 4G radio & (1) Nokia AEUD 5G radio & (1) Nokia AEWD 5G auxiliary	Gray, RAL7035	(1) Gamma Nu OYZ9X360F10	02-000590-0
SHRD5-6016NUFA	(1) Nokia Airscale Micro 4G radio & (1) Nokia AEUD 5G radio & (1) Nokia AEWD 5G auxiliary	Black	(1) Gamma Nu OYZ9X360F10	02-000589-0
SHRD5-6016NUGA	(1) Nokia Airscale Micro 4G radio & (1) Nokia AEUD 5G radio & (1) Nokia AEWD 5G auxiliary	National Park Brown	(1) Gamma Nu OYZ9X360F10	02-000585-0

### 70" HIGH, 22" DIAMETER SHRD5-7022 CONFIGURATIONS AND COLOR OPTIONS

PART NUMBER	RADIOS SUPPORTED	COLOR	4G ANTENNAS SUPPORTED	TOUCH-UP PAINT
SHRD5-7022RVADE	(3) Ericsson AIR 5331 5G radios	Gray, RAL7035	(1) Amphenol 2C4U3MT360X06Fxs0	02-000590-0
SHRD5-7022RVAFE	(3) Ericsson AIR 5331 5G radios	Black	(1) Amphenol 2C4U3MT360X06Fxs0	02-000589-0
SHRD5-7022RVAGE	(3) Ericsson AIR 5331 5G radios	National Park Brown	(1) Amphenol 2C4U3MT360X06Fxs0	02-000585-0

### 71" HIGH, 18" DIAMETER SHRD5-7118 CONFIGURATIONS AND COLOR OPTIONS

PART NUMBER	RADIOS SUPPORTED	COLOR	4G ANTENNAS SUPPORTED	TOUCH-UP PAINT
SHRD5 7118AG5DX	(3) Ericsson 220x/440x 4G radios & (2) Samsung Pico HT5H01 5G radios	Gray, RAL7035	(1) Kathrein 84010603-4	02-000590-0
SHRD5 7118AG5DX	(3) Ericsson 220x/440x 4G radios & (2) Samsung Pico HT5H01 5G radios	Black	(1) Kathrein 84010603-4	02-000589-0
SHRD5 7118AG5DX	(3) Ericsson 220x/440x 4G radios & (2) Samsung Pico HT5H01 5G radios	National Park Brown	(1) Kathrein 84010603-4	02-000585-0

### 92" HIGH, 28" DIAMETER SHRD5-9228 CONFIGURATIONS AND COLOR OPTIONS

PART NUMBER	RADIOS SUPPORTED	COLOR	4G ANTENNAS SUPPORTED	TOUCH-UP PAINT
SHRD5 9228RGUDN	(2) Nokia Airscale Micro 4G radios & (3) Nokia AEUB/ASOD RRH/BBU units	Gray, RAL7035	(1) Kathrein 84010603-4	02-000590-0
SHRD5 9228RGUFN	(2) Nokia Airscale Micro 4G radios & (3) Nokia AEUB/ASOD RRH/BBU units	Black	(1) Kathrein 84010603-4	02-000589-0
SHRD5 9228RGUGN	(2) Nokia Airscale Micro 4G radios & (3) NokiaAEUB/ASOD RRH/BBU units	National Park Brown	(1) Kathrein 84010603-4	02-000585-0

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### ACCESSORIES FOR SHRD5 CONCEALMENT SHROUDS

PART NUMBER	DESCRIPTION	COLOR
RD-3318A-A	Radome Antenna Shroud, 33" height x 18" dia.	Off-White
RD-3318D-A	Radome Antenna Shroud, 33" height x 18" dia.	Gray, RAL7035
RD-3318F-A	Radome Antenna Shroud, 33" height x 18" dia.	Black
RD-3318G-A	Radome Antenna Shroud, 33" height x 18" dia.	National Park Brown
SKRT1-1422ATVAX	Radio shroud skirt for SHRD5, 14" height x 22" dia.	Off-White
SKRT1-1422ATVDX	Radio shroud skirt for SHRD5, 14" height x 22" dia.	Gray, RAL7035
SKRT1-1422ATVFX	Radio shroud skirt for SHRD5, 14" height x 22" dia.	Black
SKRT1-1422ATVGX	Radio shroud skirt for SHRD5, 14" height x 22" dia.	National Park Brown
SKRT1-1428ATVAX	Radio shroud skirt for SHRD5, 14" height x 28" dia.	Off-White
SKRT1-1428ATVDX	Radio shroud skirt for SHRD5, 14" height x 28" dia.	Gray, RAL7035
SKRT1-1428ATVFX	Radio shroud skirt for SHRD5, 14" height x 28" dia.	Black
SKRT1-1428ATVGX	Radio shroud skirt for SHRD5, 14" height x 28" dia.	National Park Brown
97-002356A-A	Pole Mount Kit for SHRD5 on top of 5"-10"OD wood poles	Off-White
97-002356D-A	Pole Mount Kit for SHRD5 on top of 5"-10"OD wood poles	Gray, RAL7035
97-002356F-A	Pole Mount Kit for SHRD5 on top of 5"-10"OD wood poles	Black
97-002356G-A	Pole Mount Kit for SHRD5 on top of 5"-10"OD wood poles	National Park Brown
97-002385A-A	Pole Mount Kit for SHRD5 on top of 10"-14"OD wood poles	Off-White
97-002385D-A	Pole Mount Kit for SHRD5 on top of 10"-14"OD wood poles	Gray, RAL7035
97-002385F-A	Pole Mount Kit for SHRD5 on top of 10"-14"OD wood poles	Black
97-002385G-A	Pole Mount Kit for SHRD5 on top of 10"-14"OD wood poles	National Park Brown
97-002384A-A	24" Offset Side Arm Mount for SHRD5	Off-White
97-002384D-A	24" Offset Side Arm Mount for SHRD5	Gray, RAL7035
97-002384F-A	24" Offset Side Arm Mount for SHRD5	Black
97-002384G-A	24" Offset Side Arm Mount for SHRD5	National Park Brown

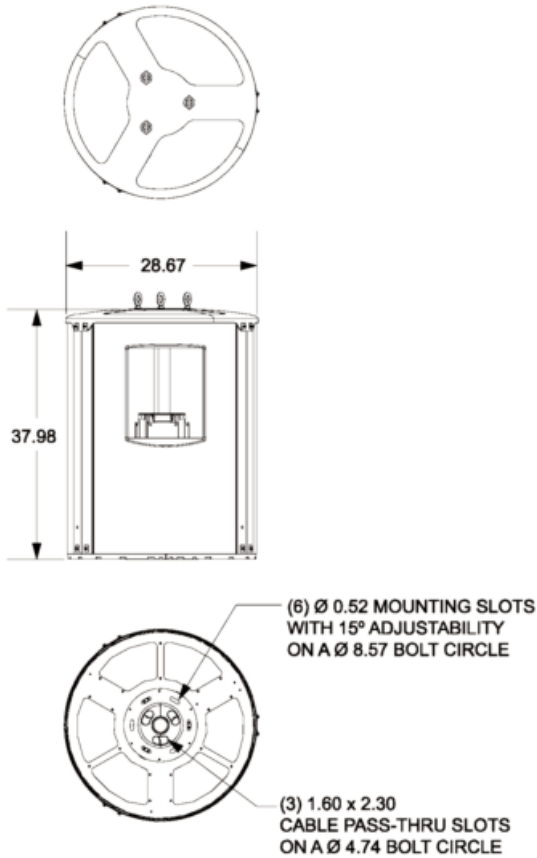


SHRD5 Deployments are Inconspicuous and Aesthetically Pleasing in Municipal Settings

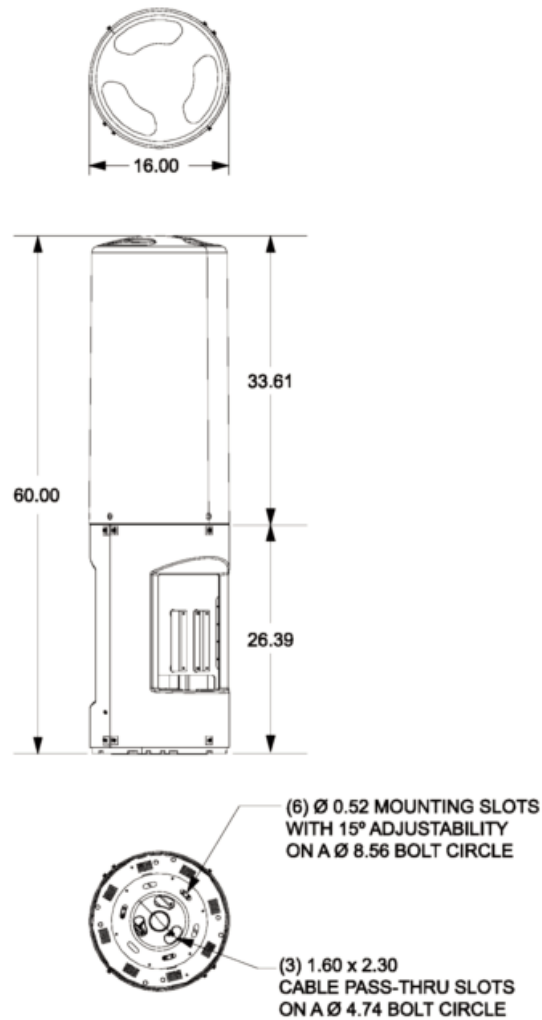
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## Pole-Top Radio Shrouds

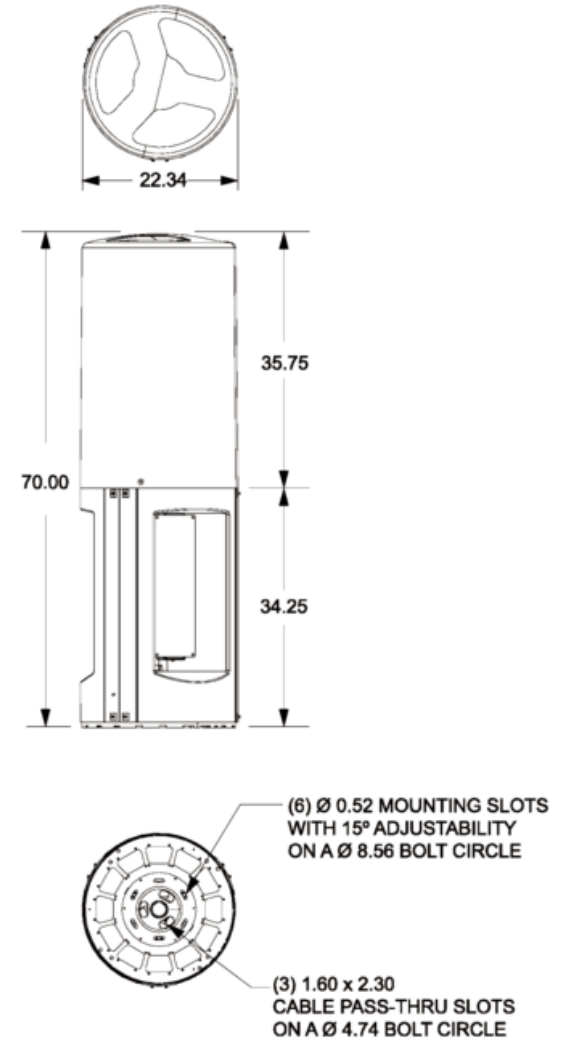
SHRD5-3728 DIMENSIONS (in.)



SHRD5-6016 DIMENSIONS (in.)



SHRD5-7022 DIMENSIONS (in.)

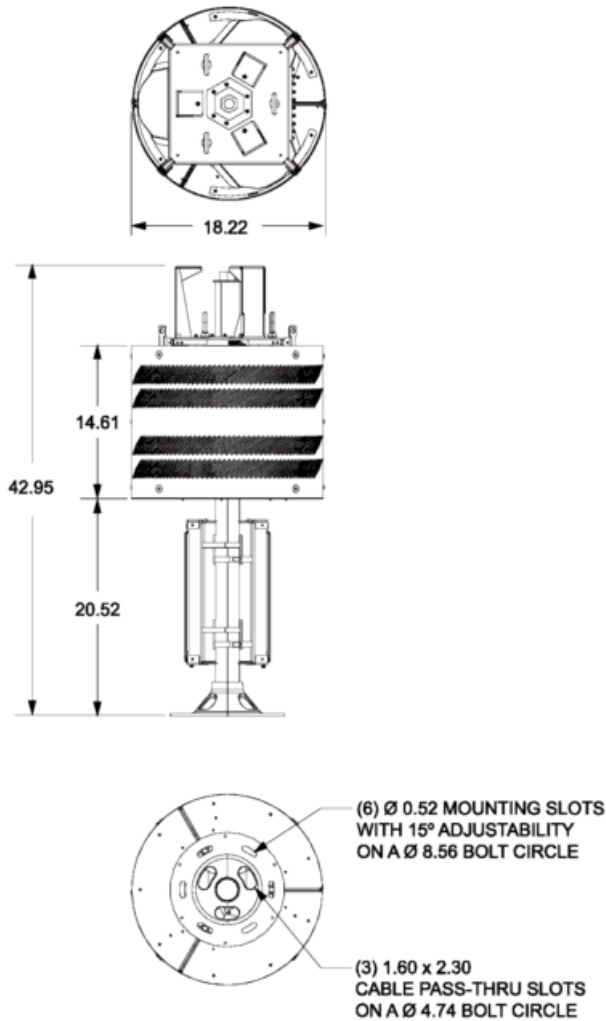


All dimensions given in inches.

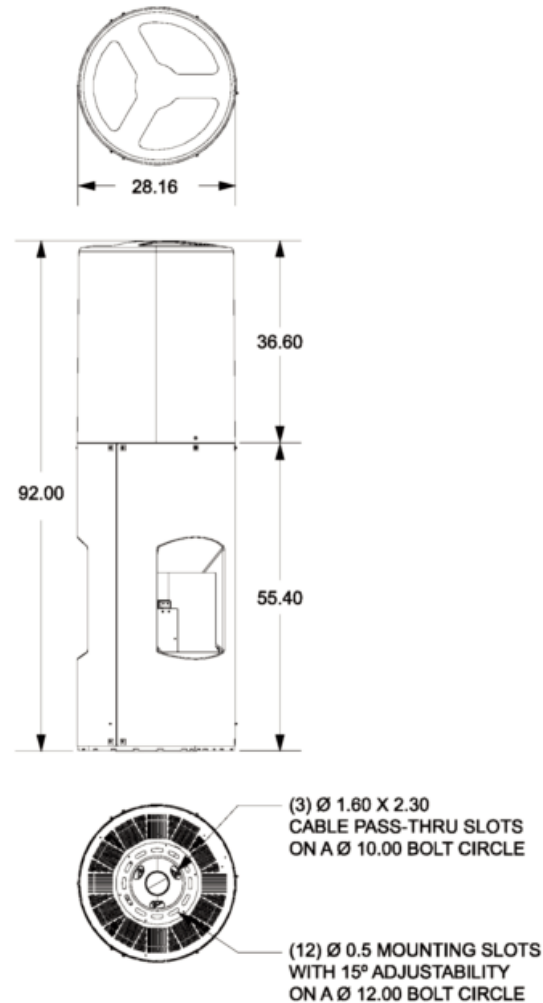
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SHRD5-7118 DIMENSIONS (in.)



SHRD5-9228 DIMENSIONS (in.)



EXAMPLE OF SHROUD INTERIOR  
CENTRAL MAST WITH  
CUSTOMER-SUPPLIED RADIOS  
ATTACHED TO RRH MOUNTING BRACKETS

(SHRD5-7022 shown)

