

Rev. P — Issued 6/1/22

Note: New items added since last document revision are indicated in RED.

GROUND MOUNT SMALL CELL SHROUDS

Ground Mount Small Cell Shrouds house and protect Nokia or Ericsson Remote Radio Heads (RRH). They may be combined with Charles Composite Mounting pads to deliver a complete ground mount solution. Various options to support different types of radios exist. CUBE-SC2 models are vented shrouds that may be pad or pole mounted and are generally sized to support 40W High RRHs. The CUBE-SC3 shroud includes 48VDC cooling fans and vents to support higher power (60, 80 and 90W) RRH.

PART NUMBER	CEQ NUMBER	STANDARD MOUNTING	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRD54-904A7GE1	CEQ.18961	Pad	48x48x25	Off-White	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
SHRD54-904D7GE1	CEQ.18962	Pad	48x48x25	Gray, RAL7035	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
SHRD54-904F7GE1	CEQ.18963	Pad	48x48x25	Black	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
SHRD54-904G7GE1	CEQ.18964	Pad	48x48x25	Ntl. Park Brown	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
SHRD54-904H7GE1	CEQ.18965	Pad	48x48x25	Hunter Green	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
SHRD54-904I7GE1	CEQ.18966	Pad	48x48x25	Blue Green	(4) 40W <u>or</u> (2) 40W and (2) 60W RRH & Rectifiers	Passively Cooled	280
CUBE-SC2NN12HN3	CEQ.18956	Pad	30x67x21	Off-White	(2) 60W/90W Nokia RRH, (2) Diplexers, (2) Delta Advantage 1kW Rectifiers	Fan Cooled	190
CUBE-SC2NN12HN4	CEQ.47705	Pad	30x67x21	Off-White	(2) dual band Nokia AHxxx radios and (2) Delta 2kW PSUs	Fan Cooled	190
CUBE-SC2NN12HN5	CEQ.52561	Pad	30x67x21	Off White	(1) tri-band Nokia AHLBBA radio, (1) dual band Nokia AHxxx radio, and (2) Delta 2kW Rectifiers	Fan Cooled	190
CUBE-SC2NN12HN6	CEQ.52561	Pad	30x67x21	Off White	(1) tri-band Nokia AHLBBA radio, (1) dual band Nokia AHxxx radio, (1) C-Band Nokia AZQW, and (3) Delta 2kW Rectifiers	Fan Cooled	190
CUBE-SC2NN12NE1	CEQ.18957	Pad or Pole	48x24x25	Off-White	(2) 40W RRH & Rectifiers, 100A AC Load Center and Meter Socket	Passively Cooled	130
CUBE-SC3NN12NB1	CEQ.18958	Pad or Pole	54x32x22	Off-White	(2) 60W/90W RRH & Rectifiers, SAR-O, 100A AC Load Center and Meter Socket	Fan Cooled	174
CUBE-SC3NN12NN1	CEQ.18960	Pad or Pole	54x32x22	Off-White	(2) 60W/90W RRH & Rectifiers, and SAR-O	Fan Cooled	155
CUBE-SC3NN12HE1	CEQ.44126	Pad	48x24x25	Off-White	(2) Ericsson 320W Dual Band RRH & Rectifiers & (2) Triplexers	Fan Cooled	192

Optional CPAD Composite Mounting Pads available (see Page 2).

ACCESSORIES

97-002190-A Pole mount kit for CUBE-SC2 and CUBE-SC3 Shrouds

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD54-904	4	RRUS12	—	—
	2	RRUS12	2	2x40 - AWS
	2	RRUL11	2	2x40 - 07U
	2	RRUS32	—	—
	2	RRUL11	—	—
CUBE-SC2NN12HN3	—	—	2	60W/90W
CUBE-SC2NN12HN4	—	—	2	Dual Band AHxxx
CUBE-SC2NN12HN5	—	—	1	Tri Band AHLBBA
CUBE-SC2NN12HN6	—	—	1	Dual Band AHxxx
			1	C-Band AZQW
CUBE-SC2NN12NE1	2	RRUS12	2	2x40 - AWS
	2	RRUL11	2	2x40 - 07U
CUBE-SC3NN12NB1	—	—	2	60W/90W
CUBE-SC3NN12NN1	—	—	2	60W/90W
CUBE-SC3NN12HE1	2	320W Dual Band	—	—



COMPOSITE MOUNTING PADS (CPAD)

The CPAD enables carriers to more rapidly deploy their network by eliminating days of project work for poured-in-place concrete pads, and the heavy equipment requirements and safety concerns of handling and transporting pre-cast concrete pads. At a fraction of the weight of concrete, CPAD provides a rigid platform for mounting enclosures that house equipment and batteries. An analysis of small cell installations using CPAD showed a typical reduction in deployment time of 3 days and a savings of \$2,000 compared to traditional poured concrete pads.

PART NUMBER	CEQ NUMBER	CPAD STYLE	OVERALL DIM. (in.) WxLxD	PLATFORM DIM. (in.) WxD	CABINET / SHROUD COMPATIBILITY	WEIGHT EMPTY (lbs.)
CPAD-SAE1211XXX	CEQ.44163	1/2-Bay	25x23x14	20x14	CNUB-421211xxxx	25
CPAD-SAE1514XXX	CEQ.48710	1/2-Bay	25x23x14	15x14	SHRDPW-NN1xNGE1	25
CPAD-S1EXXXXXXA	CEQ.18954	1-Bay	42x45x15	28x31	Pad mount shrouds 24"W x 25"D	42
CPAD-S15EXC5H56	CEQ.18953	1.5-Bay	50x40x15	36x26	Pad mount shrouds 32"W x 22"D	61
CPAD-S2EXXXXXXA	CEQ.18955	2-Bay	65x40x15	51x26	Pad mount shrouds 48"W x 25"D	79

MOUNTING ACCESSORIES

PART NUMBER	CEQ NUMBER	DESCRIPTION
CPAD-SCRWANCRTK	CEQ.44175	Screw Anchor Kit (x4 18" Screws)
CPAD-STDSTAKEKT	CEQ.44164	Stake Kit (x4 Stakes)



CUBE-SC3NN12NN1



CPAD-S1EXXXXXXA
(shown with mounted CUBE-SC2NN12NE1)



CPAD-S2EXXXXXXA

PAD MOUNT REMOTE RADIO HEAD (RRH) SHROUDS

SHRD56 Series outdoor pad mount shrouds are designed to house and protect up to seven Ericsson 220x/440x or two Ericsson RRUS32 customer-supplied radios. Constructed of .125" welded aluminum, these robust shrouds are suitable for many Remote Radio Head (RRH) deployments. SHRD56 are vented for thermal management, and are available with or without meter sockets.

PART NUMBER	CEQ NUMBER	STANDARD MOUNTING	OVERALL DIM. (in.) HxWxD	RADIOS & EQUIPMENT SUPPORTED	COLOR	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRD56-051A8GB1	CEQ.18967	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Off-White	8 Pos. & Meter Socket	129
SHRD56-051D8GB1	CEQ.18968	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Gray, RAL7035	8 Pos. & Meter Socket	129
SHRD56-051F8GB1	CEQ.18969	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Black	8 Pos. & Meter Socket	129
SHRD56-051G8GB1	CEQ.18970	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Ntl. Park Brown	8 Pos. & Meter Socket	129
SHRD56-051H8GB1	CEQ.18971	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Hunter Green	8 Pos. & Meter Socket	129
SHRD56-051I8GB1	CEQ.18972	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Blue Green	8 Pos. & Meter Socket	129
SHRD56-051A8GB2	CEQ.18973	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Off-White	8 Position	121
SHRD56-051D8GB2	CEQ.18974	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Gray, RAL7035	8 Position	121
SHRD56-051F8GB2	CEQ.18920	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Black	8 Position	121
SHRD56-051G8GB2	CEQ.18975	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Ntl. Park Brown	8 Position	121
SHRD56-051H8GB2	CEQ.18976	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Hunter Green	8 Position	121
SHRD56-051I8GB2	CEQ.18977	Pad Mount	42x32x22	(5) Ericsson 220x/440x or Nokia Airscale Micro	Blue Green	8 Position	121
SHRD56-601A2GB1	CEQ.18978	Pad Mount	42x32x22	(2) Ericsson RRUS32	Off-White	8 Pos. & Meter Socket	152
SHRD56-601D2GB1	CEQ.18979	Pad Mount	42x32x22	(2) Ericsson RRUS32	Gray, RAL7035	8 Pos. & Meter Socket	152
SHRD56-601F2GB1	CEQ.18980	Pad Mount	42x32x22	(2) Ericsson RRUS32	Black	8 Pos. & Meter Socket	152
SHRD56-601G2GB1	CEQ.18981	Pad Mount	42x32x22	(2) Ericsson RRUS32	Ntl. Park Brown	8 Pos. & Meter Socket	152
SHRD56-601H2GB1	CEQ.18982	Pad Mount	42x32x22	(2) Ericsson RRUS32	Hunter Green	8 Pos. & Meter Socket	152
SHRD56-601I2GB1	CEQ.18983	Pad Mount	42x32x22	(2) Ericsson RRUS32	Blue Green	8 Pos. & Meter Socket	152
SHRD56-601A2GN1	CEQ.18984	Pad Mount	42x32x22	(2) Ericsson RRUS32	Off-White	8 Position	225
SHRD56-601D2GN1	CEQ.18985	Pad Mount	42x32x22	(2) Ericsson RRUS32	Gray, RAL7035	8 Position	225
SHRD56-601F2GN1	CEQ.18987	Pad Mount	42x32x22	(2) Ericsson RRUS32	Black	8 Position	225
SHRD56-601G2GN1	CEQ.18988	Pad Mount	42x32x22	(2) Ericsson RRUS32	Ntl. Park Brown	8 Position	225
SHRD56-601H2GN1	CEQ.18989	Pad Mount	42x32x22	(2) Ericsson RRUS32	Hunter Green	8 Position	225
SHRD56-601I2GN1	CEQ.18990	Pad Mount	42x32x22	(2) Ericsson RRUS32	Blue Green	8 Position	225
SHRD56-601ATGB1	CEQ,46525	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Off-White	8 Pos. & Ringless Meter Socket	175
SHRD56-601DTGB1	CEQ,46536	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Gray, RAL7035	8 Pos. & Ringless Meter Socket	175
SHRD56-601FTGB1	CEQ,46528	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Black	8 Pos. & Ringless Meter Socket	175
SHRD56-601GTGB1	CEQ,46521	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Ntl. Park Brown	8 Pos. & Ringless Meter Socket	175
SHRD56-601HTGB1	CEQ,46535	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Hunter Green	8 Pos. & Ringless Meter Socket	175
SHRD56-601ATGB3	CEQ,46525	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Off White	8 Pos. & Ring Type Meter Socket	175
SHRD56-601DTGB3	CEQ,46536	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Gray, RAL7035	8 Pos. & Ring Type Meter Socket	175
SHRD56-601FTGB3	CEQ,46528	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Black	8 Pos. & Ring Type Meter Socket	175
SHRD56-601GTGB3	CEQ,46521	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Ntl. Park Brown	8 Pos. & Ring Type Meter Socket	175
SHRD56-601HTGB3	CEQ,46535	Pad Mount	42x32x22	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415	Hunter Green	8 Pos. & Ring Type Meter Socket	175

An optional CPAD Composite Mounting Pad is available for all SHRD-56 (see page 4 for information).

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD56-051	5	220x/440x	5	Airscale Micro
SHRD56-601x-TGN1	2	RRUS32	—	—
SHRD56-601x-TGBx	2	Any combo 8843, 4449, 4478, 4426 or 4415	—	—

SHRD56 ACCESSORIES & TOUCH-UP PAINT

PART NUMBER	CEQ NUMBER	DESCRIPTION
CPAD-S15EXCSH56	CEQ.18953	CPAD mounting platform for SHRD56, composite material construction, 50"x40"x15" outside dim., 36"x26" platform dim., 61 lbs.
96-SH5660FNKIT1		Factory installed Fan Kit for SHRD56
97-002357A-A	CEQ.48723	Meter Socket Kit for SHRD56, Off White
97-002357D-A	CEQ.48704	Meter Socket Kit for SHRD56, Gray, RAL7035
97-002357F-A	CEQ.48713	Meter Socket Kit for SHRD56, Black
97-002357G-A	CEQ.48705	Meter Socket Kit for SHRD56, Brown
02-000290-0		Off-White Touch Up Paint
02-000589-0		Gray, RAL7035 Touch Up Paint
02-000590-0		Black Touch Up Paint
02-000585-0		National Park Brown Touch Up Paint
02-000599-0		Hunter Green Touch Up Paint
02-000618-0		Blue Green Touch Up Paint



SHRD56-601 with CPAD-S15EXCSH56



SHRD56-601H2GB1 with CPAD-S15EXCSH56

MID-POLE MOUNT CONCEALMENT SHROUDS

SHRD60 Series Concealment Shrouds provide mounting for wireless and ancillary equipment required for Small Cell / Densification deployments, including radios, AC to DC rectifiers, diplexers / combiners / splitters, fiber termination with slack storage, and power termination / disconnect. Shrouds may be mounted to wood, steel, concrete or composite poles.

The SHRD60 Series features a vented design to maintain thermal performance of radios and equipment without active cooling. A curved shape matches the pole contour, eliminating right angles found in typical outside plant enclosures while improving the overall aesthetics of the installation. An integrated support spine allows for equipment to be installed and pre-wired at ground level, on-site or at a staging facility. Powder coated finishes withstand the elements and provide superior corrosion resistance. Cable raceways with tie-points are included for routing and securing cabling inside shroud. Hinged doors with wind latches and lift points for ease of installation are some of the technician-friendly features.

30" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRD60-05BA6GN1	CEQ.20012	30x18x14	Off-White	(4) Ericsson 220x/440x	Passively Cooled	55
SHRD60-05BD6GN1	CEQ.20013	30x18x14	Gray, RAL7035	(4) Ericsson 220x/440x	Passively Cooled	55
SHRD60-05BF6GN1	CEQ.20014	30x18x14	Black	(4) Ericsson 220x/440x	Passively Cooled	55
SHRD60-05BG6GN1	CEQ.20015	30x18x14	National Park Brown	(4) Ericsson 220x/440x	Passively Cooled	55
SHRD60-05BH6GN1	CEQ.20019	30x18x14	Hunter Green	(4) Ericsson 220x/440x	Passively Cooled	55
SHRD60-05BI6GN1	CEQ.20021	30x18x14	Blue Green	(4) Ericsson 220x/440x	Passively Cooled	55
SH60-301814ANEN	CEQ.20951	30x18x14	Off-White	(4) Ericsson 220x/440x / (4) Nokia Airscale Micro	Passively Cooled	55
SH60-301814DNEN	CEQ.20952	30x18x14	Gray, RAL7035	(4) Ericsson 220x/440x / (4) Nokia Airscale Micro	Passively Cooled	55
SH60-301814FNEN	CEQ.20953	30x18x14	Black	(4) Ericsson 220x/440x / (4) Nokia Airscale Micro	Passively Cooled	55
SH60-301814GNEN	CEQ.20954	30x18x14	National Park Brown	(4) Ericsson 220x/440x / (4) Nokia Airscale Micro	Passively Cooled	55

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD60-05B	4	220x/440x	—	—
SH60-301814	4	220x/440x	4	Airscale Micro

36" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
*SH60-362018ANE5	CEQ.48689	36x20x18	Off White	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	58
*SH60-362018DNE5	CEQ.48695	36x20x18	Gray, RAL7035	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	58
*SH60-362018FNE5	CEQ.48675	36x20x18	Black	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	58
*SH60-362018GNE5	CEQ.48687	36x20x18	National Park Brown	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	58SH60-
362322ANN2	CEQ.43914	36x23x22	Off-White	(2) Nokia AHxxx, or (1) Nokia AHxxx & (1) Airscale Micro RRHs	Passively Cooled	95
SH60-362322DNN2	CEQ.43919	36x23x22	Gray, RAL7035	(2) Nokia AHxxx, or (1) Nokia AHxxx & (1) Airscale Micro RRHs	Passively Cooled	95
SH60-362322FNN2	CEQ.43913	36x23x22	Black	(2) Nokia AHxxx, or (1) Nokia AHxxx & (1) Airscale Micro RRHs	Passively Cooled	95
SH60-362322GNN2	CEQ.43916	36x23x22	National Park Brown	(2) Nokia AHxxx, or (1) Nokia AHxxx & (1) Airscale Micro RRHs	Passively Cooled	95
*SH60-362322ANE5	CEQ.43907	36x23x22	Off-White	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	77
*SH60-362322DNE5	CEQ.43905	36x23x22	Gray, RAL7035	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	77
*SH60-362322FNE5	CEQ.43908	36x23x22	Black	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	77
*SH60-362322GNE5	CEQ.43904	36x23x22	National Park Brown	(1) Ericsson 8843, 4449, 4478, 4426 or 4415 RRH and (2) 220x/440x RRHs	Passively Cooled	77

*Note: Order 96-SH6036FNKIT1 if deploying dual band radio (8843/4449)

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SH60-362018xNE5	1 2	8843, 4449, 4478, 4426 or 4415 220x/440x	—	—
SH60-362322xNN2	—	—	2 1 1	AHxxx AHxxx Airscale Micro
SH60-36322xNE5	1 2	8843, 4449, 4478, 4426 or 4415 220x/440x	—	—

46" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRD60-051A6GN1	CEQ.18991	46x13.5x14	Off-White	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051D6GN1	CEQ.18992	46x13.5x14	Gray, RAL7035	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051F6GN1	CEQ.18993	46x13.5x14	Black	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051G6GN1	CEQ.18994	46x13.5x14	National Park Brown	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051H6GN1	CEQ.18995	46x13.5x14	Hunter Green	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051I6GN1	CEQ.18996	46x13.5x14	Blue Green	(4) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051ADGN1	CEQ.19013	46x13.5x14	Off-White	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051DDGN1	CEQ.19014	46x13.5x14	Gray, RAL7035	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051FDGN1	CEQ.19017	46x13.5x14	Black	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051GDGN1	CEQ.19020	46x13.5x14	National Park Brown	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051HDGN1	CEQ.19023	46x13.5x14	Hunter Green	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051IDGN1	CEQ.19024	46x13.5x14	Blue Green	(4) Nokia Airscale Micro, AC Disconnect, and (2) Diplexers	Passively Cooled	60
SHRD60-051A8GN1	CEQ.18998	46x18x14	Off-White	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90
SHRD60-051D8GN1	CEQ.18917	46x18x14	Gray, RAL7035	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90
SHRD60-051F8GN1	CEQ.18999	46x18x14	Black	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90
SHRD60-051G8GN1	CEQ.19006	46x18x14	National Park Brown	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90
SHRD60-051H8GN1	CEQ.19009	46x18x14	Hunter Green	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90
SHRD60-051I8GN1	CEQ.19011	46x18x14	Blue Green	(7) Ericsson 220x/440x, Fiber Box, AC Disconnect, and (3) Diplexers	Passively Cooled	90

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD60-051x6	4	220x/440x	—	—
SHRD60-051x8	7	220x/440x	—	—
SHRD60-051xD	—	—	4	Airscale Micro



SHRD60-051x6



SHRD60-051x6 Installation

48" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SH60-482420ANN8	CEQ.48696	48x24x20	Off-White	(1) Nokia AHLBBA tri band RRH, (1) Nokia AHxxx RRH	Passively Cooled	143
SH60-482420DNN8	CEQ.48676	48x24x20	Gray, RAL7035	(1) Nokia AHLBBA tri band RRH, (1) Nokia AHxxx RRH	Passively Cooled	143
SH60-482420FNN8	CEQ.48691	48x24x20	Black	(1) Nokia AHLBBA tri band RRH, (1) Nokia AHxxx RRH	Passively Cooled	143
SH60-482420GNN8	CEQ.48684	48x24x20	National Park Brown	(1) Nokia AHLBBA tri band RRH, (1) Nokia AHxxx RRH	Passively Cooled	143

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD60-552019xNN5	—	—	1	AHLBBA
			1	AHxxx

50" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SH60-503027ANE7	CEQ.48672	50x30x27	Off-White	(1) Ericsson 8843, (1) RUS32, & (1) 4449 or RUS12	Passively Cooled	153
SH60-503027DNE7	CEQ.48671	50x30x27	Gray, RAL7035	(1) Ericsson 8843, (1) RUS32, & (1) 4449 or RUS12	Passively Cooled	153
SH60-503027FNE7	CEQ.48679	50x30x27	Black	(1) Ericsson 8843, (1) RUS32, & (1) 4449 or RUS12	Passively Cooled	153
SH60-503027GNE7	CEQ.48674	50x30x27	National Park Brown	(1) Ericsson 8843, (1) RUS32, & (1) 4449 or RUS12	Passively Cooled	153

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SH60-503027xNE7	1	8843	—	—
	1	RUS32		
	1	4449 or RUS12		

55" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SH60-552019ANN5	CEQ.45175	46x13.5x14	Off-White	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	109
SH60-552019DNN5	CEQ.45174	46x13.5x14	Gray, RAL7035	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	109
SH60-552019FNN5	CEQ.45172	46x13.5x14	Black	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	109
SH60-552019GNN5	CEQ.45178	46x13.5x14	National Park Brown	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	109

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD60-552019xNN5	—	—	2	AHxxx

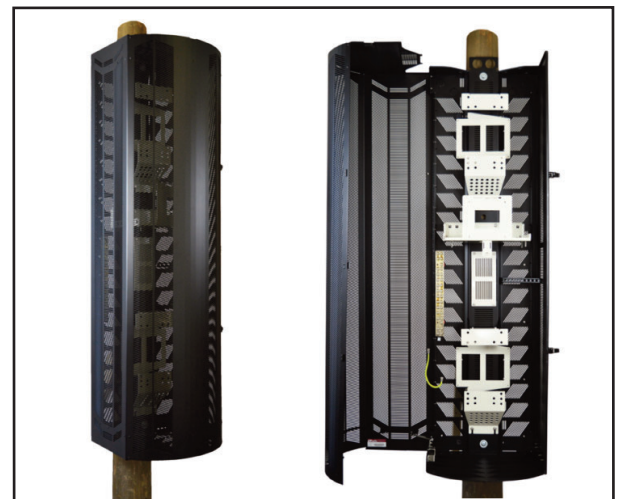
70" Height SHRD60 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	RADIOS & EQUIPMENT SUPPORTED	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRD60-401A1GN1	CEQ.19025	70x20x18	Off-White	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-401D1GN1	CEQ.19026	70x20x18	Gray, RAL7035	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-401F1GN1	CEQ.19027	70x20x18	Black	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-401G1GN1	CEQ.19028	70x20x18	National Park Brown	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-401H1GN1	CEQ.19030	70x20x18	Hunter Green	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-401I1GN1	CEQ.19031	70x20x18	Blue Green	(2) 40W RRH, Fiber Box, and (2) Diplexers	Passively Cooled	99
SHRD60-601A2GN1	CEQ.19032	70x20x18	Off-White	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SHRD60-601D2GN1	CEQ.19033	70x20x18	Gray, RAL7035	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SHRD60-601F2GN1	CEQ.19034	70x20x18	Black	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SHRD60-601G2GN1	CEQ.19035	70x20x18	National Park Brown	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SHRD60-601H2GN1	CEQ.19036	70x20x18	Hunter Green	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SHRD60-601I2GN1	CEQ.19037	70x20x18	Blue Green	(2) 60/90W RRH and (1) 220x/440x*	Passively Cooled	99
SH60-702018ANE7	CEQ.43924	70x20x18	Off-White	Any combination of (2) Ericsson 8843, 4449, 4478, 4426 or 4415 radios & (2) 220x/440x radios	Passively Cooled	181
SH60-702018DNE7	CEQ.43918	70x20x18	Gray, RAL7035	Any combination of (2) Ericsson 8843, 4449, 4478 4426 or 4415 radios & (2) 220x/440x radios	Passively Cooled	181
SH60-702018FNE7	CEQ.43921	70x20x18	Black	Any combination of (2) Ericsson 8843, 4449, 4478 4426 or 4415 radios & (2) 220x/440x radios	Passively Cooled	181
SH60-702018GNE7	CEQ.43915	70x20x18	National Park Brown	Any combination of (2) Ericsson 8843, 4449, 4478 4426 or 4415 radios & (2) 220x/440x radios	Passively Cooled	181
SH60-702018ANEC	CEQ.54274	70x20x18	Off-White	(1) Ericsson 4455 and (1) 4449, (2) 220x/440x	Passively Cooled	198
SH60-702018DNEC	CEQ.47717	70x20x18	Gray, RAL7035	(1) Ericsson 4455 and (1) 4449, (2) 220x/440x	Passively Cooled	198
SH60-702018FNEC	CEQ.47669	70x20x18	Black	(1) Ericsson 4455 and (1) 4449, (2) 220x/440x	Passively Cooled	198
SH60-702018GNEC	CEQ.47694	70x20x18	National Park Brown	(1) Ericsson 4455 and (1) 4449, (2) 220x/440x	Passively Cooled	198
SH60-702018ANN5	CEQ.47657	70x20x18	Off-White	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	129
SH60-702018DNN5	CEQ.47717	70x20x18	Gray, RAL7035	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	129
SH60-702018FNN5	CEQ.47669	70x20x18	Black	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	129
SH60-702018GNN5	CEQ.47694	70x20x18	National Park Brown	(2) Nokia AHxxx 320W Dual Band Radios	Passively Cooled	129
97-002342A-A	CEQ.47722	SH60-702018 Off-White Flush mounting Kit				
97-002342D-A	CEQ.47729	SH60-702018 Gray, RAL7035 Flush Bracket Kit				
97-002342F-A	CEQ.47707	SH60-702018 Black Flush Bracket Kit				
97-002342G-A	CEQ.47730	SH60-702018 National Park Brown Flush Bracket Kit				

See page 10 for Accessories

RADIOS SUPPORTED

Product	Ericsson		Nokia	
	QTY	Type	QTY	Type
SHRD60-401	2	RRUS12	—	—
	1	RRUS12	—	—
	1	RRUL11	—	—
SHRD60-601*	2	RRUS32	1	4x30
	1	220x/440x	1	4x45
SH60-702018xNE7	2	Any combo 8843, 4449, 4478, 4426 or 4415	—	—
	2	220x/440x	—	—
SH60-702018xNEC	1	4455	—	—
	1	4449	—	—
	2	220x/440x	—	—
SH60-702018xNN5	—	—	2	AHxxx



SHRD60-401 & SHRD60-601
(401 backplane shown)

*Shroud sold empty. Order separate bracket kits for radio mounting:

Part Number	Description
96-RUS32SHRD1-A	Mounting Kit for (2) Ericsson RUS32
96-E2203SHRD2-A	Mounting Kit for (1) Ericsson 220x/440x
96-N4X45SHRD1-A	Mounting Kit for (2) Nokia 60/90W RRH

Note: 96-RUS32SHRD1-A and 96-E2203SHRD2-A can be combined for mounting (2) Ericsson RUS32 and (1) Ericsson 220x/440x inside a single shroud.

General Accessories for SHRD60 Concealment Shrouds

PART NUMBER	CEQ NUMBER	DESCRIPTION
97-002391A-A	CEQ.48693	Off-White 3" Offset Bracket
97-002391D-A	CEQ.48669	Gray, RAL7035 3" Offset Bracket
97-002391F-A	CEQ.48678	Black 3" Offset Bracket
97-002391G-A	CEQ.48690	National Park Brown 3" Offset Bracket
97-002398A-A	CEQ.48688	Off-White 5" Offset Bracket
97-002398D-A	CEQ.48719	Gray, RAL7035 5" Offset Bracket
97-002398F-A	CEQ.48716	Black 5" Offset Bracket
97-002398G-A	CEQ.48722	National Park Brown 5" Offset Bracket
97-002309A-A	CEQ.45179	Off-White 7" Offset Bracket
97-002309D-A	CEQ.45169	Gray, RAL7035 7" Offset Bracket
97-002309F-A	CEQ.45168	Black 7" Offset Bracket
97-002309G-A	CEQ.45171	National Park Brown 7" Offset Bracket
97-002351A-A	CEQ.48697	SH60-301814 Off-White Flush Bracket Kit
97-002351D-A	CEQ.48692	SH60-301814 Gray, RAL7035 Flush Bracket Kit
97-002351F-A	CEQ.48668	SH60-301814 Black Flush Bracket Kit
97-002351G-A	CEQ.48680	SH60-301814 National Park Brown Flush Bracket Kit
97-002349A-A	CEQ.48670	SH60-362018 Off-White Flush Bracket Kit
97-002349D-A	CEQ.48694	SH60-362018 Gray, RAL7035 Flush Bracket Kit
97-002349F-A	CEQ.48677	SH60-362018 Black Flush Bracket Kit
97-002349G-A	CEQ.48673	SH60-362018 National Park Brown Flush Bracket Kit
97-SHRD60051A-A	CEQ.48698	SH60-46 Off-White Flush Bracket Kit
97-SHRD60051D-A	CEQ.48707	SH60-46 Gray, RAL7035 Flush Bracket Kit
97-SHRD60051F-A	CEQ.48702	SH60-46 Black Flush Bracket Kit
97-SHRD60051G-A	CEQ.48699	SH60-46 National Park Brown Flush Bracket Kit
97-002348A-A	CEQ.48686	SH60-503018/SH60-503027 Off-White Flush Bracket Kit
97-002348D-A	CEQ.48682	SH60-503018/SH60-503027 Gray, RAL7035 Flush Bracket Kit
97-002348F-A	CEQ.48681	SH60-503018/SH60-503027 Black Flush Bracket Kit
97-002348G-A	CEQ.48683	SH60-503018/SH60-503027 National Park Brown Flush Bracket Kit
97-002380A-A	CEQ.45176	SH60-552019 Off-White Flush Bracket Kit
97-002380D-A	CEQ.45167	SH60-552019 Gray, RAL7035 Flush Bracket Kit
97-002380F-A	CEQ.45170	SH60-552019 Black Flush Bracket Kit
97-002380G-A	CEQ.45173	SH60-552019 National Park Brown Flush Bracket Kit
97-002342A-A	CEQ.47722	SH60-702018 Off-White Flush Bracket Kit
97-002342D-A	CEQ.47729	SH60-702018 Gray, RAL7035 Flush Bracket Kit
97-002342F-A	CEQ.47707	SH60-702018 Black Flush Bracket Kit
97-002342G-A	CEQ.47730	SH60-702018 National Park Brown Flush Bracket Kit
97-003005A-A	CEQ.48703	Squirrel Guard Kit for SHRD60
02-000290-0		Off-White Touch Up Paint
02-000589-0		Gray, RAL7035 Touch Up Paint
02-000590-0		Black Touch Up Paint
02-000585-0		National Park Brown Touch Up Paint
02-000599-0		Hunter Green Touch Up Paint
02-000618-0		Blue Green Touch Up Paint

POLE TOP 4G CONCEALMENT SHROUDS

The SHRD1 is a protective shroud enclosure that supports and conceals Small Cell remote spare radio heads (RRH) and other radio equipment. Its weather-resistant design is suited to outdoor pole top applications. The SHRD1 consists of a central mast with a cylindrical, vented shroud. The mast has mounting brackets for three Small Cell RRH units, a diplexer (only on 3818), and a top mounting plate for an Ace Technology ACOM-2F15D-12P canister style antenna. The 2818 can do this or Kathrein 84010603-4. All radio equipment is customer supplied. The shroud panels are removable to allow access to the radio equipment.

The antenna is covered by a Radome antenna shroud (required, sold separately). An optional radio shroud skirt (SKRT1) is also available, providing concealment for cabling as it enters the bottom of the SHRD1

10" Height SHRD1 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD1-1016RGCA0	CEQ.48720	10"x16"	Off-White	None	Rosenberger CA-OIOITJTVEX360F-JS06 or CA-AEOIOITJTVEX360F-JS06	15
SHRD1-1016RGCD0	CEQ.48714	10"x16"	Gray, RAL7035	None	Rosenberger CA-OIOITJTVEX360F-JS06 or CA-AEOIOITJTVEX360F-JS06	15
SHRD1-1016RGCF0	CEQ.48701	10"x16"	Black	None	Rosenberger CA-OIOITJTVEX360F-JS06 or CA-AEOIOITJTVEX360F-JS06	15
SHRD1-1016RGCG0	CEQ.48708	10"x16"	National Park Brown	None	Rosenberger CA-OIOITJTVEX360F-JS06 or CA-AEOIOITJTVEX360F-JS06	15

12" Height SHRD1 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD1-1218AVCAX	CEQ.47710	12"x18"	Off-White	(3) Ericsson 220x/440x	Gamma Nu, Galtronics or Amphenol*	65
SHRD1-1218AVCDX	CEQ.47661	12"x18"	Gray, RAL7035	(3) Ericsson 220x/440x	Gamma Nu, Galtronics or Amphenol*	65
SHRD1-1218AVCFX	CEQ.47699	12"x18"	Black	(3) Ericsson 220x/440x	Gamma Nu, Galtronics or Amphenol*	65
SHRD1-1218AVCGX	CEQ.47712	12"x18"	National Park Brown	(3) Ericsson 220x/440x	Gamma Nu, Galtronics or Amphenol*	65

*Gamma Nu OY29X360F10 or QOY29X360F14T6, Galtronics P6480i (use 27" Radome), or Amphenol 2C4UMT360X06FXYS0

15" Height SHRD1 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD1-1518AVCAX	CEQ.47510	15"x18"	Off-White	(3) Ericsson 220x/440x	Galtronics*	65
SHRD1-1518AVCDX	CEQ.47490	15"x18"	Gray, RAL7035	(3) Ericsson 220x/440x	Galtronics*	65
SHRD1-1518AVCFX	CEQ.47496	15"x18"	Black	(3) Ericsson 220x/440x	Galtronics*	65
SHRD1-1518AVCGX	CEQ.47511	15"x18"	National Park Brown	(3) Ericsson 220x/440x	Galtronics*	65

*Galtronics GQ2410-06621, GQ2414-06790, GC2410-06843, and GQ2412-06613

28" Height SHRD1 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD1-2818AVCAS	CEQ.43922	28"x18"	Off-White	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	Various, See Note*	65
SHRD1-2818AVCDS	CEQ.43917	28"x18"	Gray, RAL7035	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	Various, See Note*	65
SHRD1-2818AVCFS	CEQ.43923	28"x18"	Black	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	Various, See Note*	65
SHRD1-2818AVCGS	CEQ.43920	28"x18"	National Park Brown	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	Various, See Note*	65
SHRD1-2818AVCAT	CEQ.54788	28"x18"	Off-White	(2) Nokia Airscale Micro, (1) LAA, (1) AWHQN	Various, See Note*	65
SHRD1-2818AVCDT	CEQ.54790	28"x18"	Gray, RAL7035	(2) Nokia Airscale Micro, (1) LAA, (1) AWHQN	Various, See Note*	65
SHRD1-2818AVCFT	CEQ.54789	28"x18"	Black	(2) Nokia Airscale Micro, (1) LAA, (1) AWHQN	Various, See Note*	65
SHRD1-2818AVCGT	CEQ.54783	28"x18"	National Park Brown	(2) Nokia Airscale Micro, (1) LAA, (1) AWHQN	Various, See Note*	65

*Acom-215D 12/18 port, Gamma Nu OY29X360F10, Galtronics GQ2410-06645 or P6480i, DKK DKOBDYKDP-7R45F, Kathrein 884010603/4, or Alpha AW3825

38" Height SHRD1 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD1-3818AVCAX	CEQ.20955	38"x18"	Off-White	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	ACOM	70
SHRD1-3818AVCDX	CEQ.20956	38"x18"	Gray, RAL7035	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	ACOM	70
SHRD1-3818AVCFX	CEQ.20957	38"x18"	Black	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	ACOM	70
SHRD1-3818AVCGX	CEQ.20958	38"x18"	National Park Brown	(3) Ericsson 220x/440x / (3) Nokia Airscale Micro	ACOM	70

General Accessories for SHRD1 Concealment Shrouds

RD-2418A-A	CEQ.47725	Radome Antenna Shroud, 24" height x 18" dia., Off-White
RD-2418D-A	CEQ.47690	Radome Antenna Shroud, 24" height x 18" dia., Gray, RAL7035
RD-2418F-A	CEQ.47687	Radome Antenna Shroud, 24" height x 18" dia., Black
RD-2418G-A	CEQ.47715	Radome Antenna Shroud, 24" height x 18" dia., National Park Brown
RD-2718A-A	CEQ.47689	Radome Antenna Shroud, 27" height x 18" dia., Off-White
RD-2718D-A	CEQ.47696	Radome Antenna Shroud, 27" height x 18" dia., Gray, RAL7035
RD-2718F-A	CEQ.47708	Radome Antenna Shroud, 27" height x 18" dia., Black
RD-2718G-A	CEQ.47716	Radome Antenna Shroud, 27" height x 18" dia., National Park Brown
RD-3318A-A	CEQ.47688	Radome Antenna Shroud, 33" height x 18" dia., Off-White
RD-3318D-A	CEQ.47720	Radome Antenna Shroud, 33" height x 18" dia., Gray, RAL7035
RD-3318F-A	CEQ.47692	Radome Antenna Shroud, 33" height x 18" dia., Black
RD-3318G-A	CEQ.47684	Radome Antenna Shroud, 33" height x 18" dia., National Park Brown
RD-3516A-A	CEQ.48711	Radome Antenna Shroud, 35" height x 16" dia., Off-White
RD-3516D-A	CEQ.48700	Radome Antenna Shroud, 35" height x 16" dia., Gray, RAL7035
RD-3516F-A	CEQ.48709	Radome Antenna Shroud, 35" height x 16" dia., Black
RD-3516G-A	CEQ.48717	Radome Antenna Shroud, 35" height x 16" dia., National Park Brown
SKRT1-0718ATXAX	CEQ.47691	Radio shroud skirt for SHRD1, 18" height x 18" dia, Off-White
SKRT1-0718ATXDX	CEQ.47718	Radio shroud skirt for SHRD1, 18" height x 18" dia, Gray, RAL7035
SKRT1-0718ATXFX	CEQ.47677	Radio shroud skirt for SHRD1, 18" height x 18" dia, Black
SKRT1-0718ATXGX	CEQ.47680	Radio shroud skirt for SHRD1, 18" height x 18" dia, National Park Brown
SKRT1-3218ATXAX	CEQ.47498	Radio shroud skirt for SHRD1, 32" height x 18" dia, Off-White
SKRT1-3218ATXDX	CEQ.47495	Radio shroud skirt for SHRD1, 32" height x 18" dia, Gray, RAL7035
SKRT1-3218ATXFX	CEQ.47497	Radio shroud skirt for SHRD1, 32" height x 18" dia, Black
SKRT1-3218ATXGX	CEQ.47499	Radio shroud skirt for SHRD1, 32" height x 18" dia, National Park Brown
97-002356A-A	CEQ.47491	Wood Pole Top Mounting Kit for SHRD1, 5"-10"OD poles, Off-White - requires use of SKRT1-3218ATXxx
97-002356D-A	CEQ.47494	Wood Pole Top Mounting Kit for SHRD1, 5"-10"OD poles, Gray, RAL7035 - requires use of SKRT1-3218ATXxx
97-002356F-A	CEQ.47492	Wood Pole Top Mounting Kit for SHRD1, 5"-10"OD poles, Black - requires use of SKRT1-3218ATXxx
97-002356G-A	CEQ.47493	Wood Pole Top Mounting Kit for SHRD1, 5"-10"OD poles, National Park Brown - requires use of SKRT1-3218ATXxx
97-002385A-A	CEQ.47665	Wood Pole Top Mounting Kit for SHRD1, 10"-14"OD poles, Off-White - requires use of SKRT1-3218ATXxx
97-002385D-A	CEQ.47698	Wood Pole Top Mounting Kit for SHRD1, 10"-14"OD poles, Gray, RAL7035 - requires use of SKRT1-3218ATXxx
97-002385F-A	CEQ.47711	Wood Pole Top Mounting Kit for SHRD1, 10"-14"OD poles, Black - requires use of SKRT1-3218ATXxx
97-002385G-A	CEQ.47660	Wood Pole Top Mounting Kit for SHRD1, 10"-14"OD poles, National Park Brown - requires use of SKRT1-3218ATXxx
97-002403A-A	CEQ.47714	Low Profile Pole Top Mounting Kit for SHRD1, Off-White
97-002403D-A	CEQ.47672	Low Profile Pole Top Mounting Kit for SHRD1, Gray, RAL7035
97-002403F-A	CEQ.47671	Low Profile Pole Top Mounting Kit for SHRD1, Black
97-002403G-A	CEQ.47700	Low Profile Pole Top Mounting Kit for SHRD1, National Park Brown
97-002413-A	CEQ.52557	Adapter plate for mounting SHRD1/5 to Comptek Pole
97-002438-A	CEQ.52546	Adapter plate for mounting SHRD1/5 to Comptek Evans Fluted Pole
97-002439-A	CEQ.52544	Adapter plate for mounting SHRD1/5 to Sabre Pole
97-002443-A	CEQ.53191	Brackets to mount Gamma Nu antenna on a Charles wood pole top mounting kit (97-002356x-A, 97-002385x-A, 97-002401x-A, or 97-002403x-A)
02-000290-0		Off-White Touch Up Paint
02-000589-0		Gray, RAL7035 Touch Up Paint
02-000590-0		Black Touch Up Paint
02-000585-0		National Park Brown Touch Up Paint

Need RD-2418 for Ace antenna (SHRD1-28 or -38).
 Need RD-2718 for Kathrein antenna (only works with SHRD1-28).
 Need RD-3516 for Rosenberger antenna (SHRD1-1016).



SHRD1 (mid section) shown with Radome Antenna Shroud (top section - call for details) Radio Shroud Skirt (bottom section - Part #SKRT1-0718ATXFX)



SHRD1 internal radio mounting bracket

POLE TOP 4G/5G CONCEALMENT SHROUDS

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.

60" Height SHRD5 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD5-6016RNUAA	CEQ.47666	60"x16"	Off-White	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna	(1) of the following: • Acecom ACOM-2F15D-18P-R2	71
SHRD5-6016RNUDA	CEQ.47703	60"x16"	Gray, RAL7035	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna	• Gamma Nu OYZ9X360F10	71
SHRD5-6016RNUFA	CEQ.47675	60"x16"	Black	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna	• Galtronics GQ2410-06621, GC2410-06843, or GQ2410-06645	71
SHRD5-6016RNUGA	CEQ.47709	60"x16"	National Park Brown	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna	• Amphenol 2C4U3MT360X06Fwxs4	71
SHRD5-6016RNUJA	CEQ.48273	60"x16"	Black Green	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna		71
SHRD5-6016RNUWA	CEQ.48271	60"x16"	Dark Bronze	(1) Nokia Airscale Micro 4G RRH & (1) AEWd 5G RRH & (1) Nokia AEWE 5G Ancillary Antenna		71
SHRD5-6016RAUAG	CEQ.54280	60"x16"	Off-White	(3) Ericsson AIR1281	(1) Galtronics GQ2410-06621	74
SHRD5-6016RAUDG	CEQ.54278	60"x16"	Gray, RAL7035	(3) Ericsson AIR1281	(1) Galtronics GQ2410-06621	74
SHRD5-6016RAUFG	CEQ.54275	60"x16"	Black	(3) Ericsson AIR1281	(1) Galtronics GQ2410-06621	74
SHRD5-6016RAUGG	CEQ.54277	60"x16"	National Park Brown	(3) Ericsson AIR1281	(1) Galtronics GQ2410-06621	74

64" Height SHRD5 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD5-6416RNUAA	CEQ.54273	64"x16"	Off-White	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	(1) of the following:	88
SHRD5-6416RNUDA	CEQ.54272	64"x16"	Gray, RAL7035	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	• Acecom ACOM-2F15D-18P-R2	88
SHRD5-6416RNUFA	CEQ.54276	64"x16"	Black	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	• Gamma Nu OYZ9X360F10	88
SHRD5-6416RNUGA	CEQ.54270	64"x16"	National Park Brown	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	or OYZ9X360V10T20-MET	88
SHRD5-6416RNUJA	CEQ.54271	64"x16"	Black Green	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	• Galtronics GQ2410-06621, GC2410-06843, or GQ2410-06645	88
SHRD5-6416RNUWA	CEQ.54281	64"x16"	Dark Bronze	(1) Nokia AirScale Micro, (2) Nokia AEWD/AEWE 5G	• Amphenol 4U3MT360X06 Fxs4 or 2C4U3MT360X06Fwxs4	88

71" Height SHRD5 Models

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxCIRCUM.	COLOR	RADIOS & EQUIPMENT SUPPORTED	ANTENNA SUPPORTED	WEIGHT EMPTY (lbs.)
SHRD5-7118AG5AX	CEQ.47702	71"x18"	Off-White	(3) Ericsson 220x/440x & (2) Samsung Pico HT5H01	(1) Galtronics or (1) Gamma Nu*	71
SHRD5-7118AG5DX	CEQ.47719	71"x18"	Gray, RAL7035	(3) Ericsson 220x/440x & (2) Samsung Pico HT5H01	(1) Galtronics or (1) Gamma Nu*	71
SHRD5-7118AG5FX	CEQ.47668	71"x18"	Black	(3) Ericsson 220x/440x & (2) Samsung Pico HT5H01	(1) Galtronics or (1) Gamma Nu*	71
SHRD5-7118AG5GX	CEQ.47674	71"x18"	National Park Brown	(3) Ericsson 220x/440x & (2) Samsung Pico HT5H01	(1) Galtronics or (1) Gamma Nu*	71

*(1) Galtronics GC2410-06843 or (1) Gamma Nu OYZ9X360F10 antenna

General Accessories for SHRD5 Concealment Shrouds

RD-3318A-A	CEQ.47688	Radome Antenna Shroud, 33" height x 18" dia., Off-White
RD-3318D-A	CEQ.47720	Radome Antenna Shroud, 33" height x 18" dia., Gray, RAL7035
RD-3318F-A	CEQ.47692	Radome Antenna Shroud, 33" height x 18" dia., Black
RD-3318G-A	CEQ.47684	Radome Antenna Shroud, 33" height x 18" dia., National Park Brown
SKRT1-1416ATVAX	CEQ.47728	Radio shroud skirt for SHRD5, 14" height x 16" dia, Off-White
SKRT1-1416ATVDX	CEQ.47683	Radio shroud skirt for SHRD5, 14" height x 16" dia, Gray, RAL7035
SKRT1-1416ATVFX	CEQ.47693	Radio shroud skirt for SHRD5, 14" height x 16" dia, Black
SKRT1-1416ATVGX	CEQ.47740	Radio shroud skirt for SHRD5, 14" height x 16" dia, National Park Brown
SKRT1-1416ATVJX	CEQ.48272	Radio shroud skirt for SHRD5, 14" height x 16" dia, Black Green
SKRT1-1416ATVWX	CEQ.48274	Radio shroud skirt for SHRD5, 14" height x 16" dia, Dark Bronze
SKRT1-3216ATXAX	CEQ.48724	Radio shroud skirt for SHRD5, 32" height x 16" dia, Off-White
SKRT1-3216ATXDX	CEQ.48725	Radio shroud skirt for SHRD5, 32" height x 16" dia, Gray, RAL7035
SKRT1-3216ATXFX	CEQ.48721	Radio shroud skirt for SHRD5, 32" height x 16" dia, Black
SKRT1-3216ATXGX	CEQ.48727	Radio shroud skirt for SHRD5, 32" height x 16" dia, National Park Brown
97-002356A-A	CEQ.47491	Pole Mount Kit for SHRD5 on top of 5"-10" OD wood poles, Off-White
97-002356D-A	CEQ.47494	Pole Mount Kit for SHRD5 on top of 5"-10" OD wood poles, Gray, RAL7035
97-002356F-A	CEQ.47492	Pole Mount Kit for SHRD5 on top of 5"-10" OD wood poles, Black
97-002356G-A	CEQ.47493	Pole Mount Kit for SHRD5 on top of 5"-10" OD wood poles, National Park Brown
97-002413-A	CEQ.52557	Adapter plate for mounting SHRD1/5 to Comptek Pole
97-002438-A	CEQ.52546	Adapter plate for mounting SHRD1/5 to Comptek Evans Fluted Pole
97-002439-A	CEQ.52544	Adapter plate for mounting SHRD1/5 to Sabre Pole
02-000290-0		Off-White Touch Up Paint
02-000589-0		Gray, RAL7035 Touch Up Paint
02-000590-0		Black Touch Up Paint
02-000585-0		National Park Brown Touch Up Paint
02-000585-0		Black Green Touch Up Paint
02-000585-0		Dark Bronze Touch Up Paint



SHRD5

CRSM Radio Strand-Mounted Bracket

The CRSM bracket is designed for mounting on an aerial strand (1/4" to 7/16" diameter). It is used for mounting radios and ancillary equipment. The LAA-AU1 and LAA-AU2 models support one Ericsson 2205 radio, two Ericsson panel antennas, and two Microlab D2-82FE splitters. The splitters are customer supplied for the LAA-AU1 model and are mounted at the factory for the LAA-AU2 model. The AU2 model also includes radio cables and jumpers. The radio and antennas are customer supplied. The AWS/PCS-AU1 and AWS/PCS-AU2 models support two Ericsson 2203 radios, four Ericsson panel antennas, and four Microlab D2-87FE splitters. The splitters are customer supplied for the AWS/PCS-AU1 model and are mounted at the factory for the AWS/PCS-AU2 model. The AU2 model also includes radio cables. All radios and antennas are customer supplied.



PART NUMBER	CEQ NUMBER	EQUIPMENT SUPPORTED	INCLUDES SPLITTERS AND WIRING KIT
CRSM1-2415E1AU2	CEQ.45512	(1) Ericsson 2205 radio and (2) Ericsson 6503 panel antenna	Yes
CRSM1-2415E1AU1	CEQ.45513	(1) Ericsson 2205 radio and (2) Ericsson 6503 panel antenna	No
CRSM1-2415E2AU2	CEQ.45514	(2) Ericsson 2203 radios and (4) Ericsson 6502 panel antennas	Yes
CRSM1-2415E2AU1	CEQ.45511	(2) Ericsson 2203 radios and (4) Ericsson 6502 panel antennas	No

GROUND BARS

To aid in safe, fast enclosure installations, Charles Industries offers these tin-plated copper ground bars, with specific designs tailored for handholes, customer premises terminals and pole mount grounding of small cell enclosures and radios.

PART NUMBER	OIN NUMBER	DESCRIPTION
GM-04ATTHHTN	ATT.200006969	Tin-plated Copper Ground Bar (1/4"thick x 1.5"W x 7"L) with 8 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing. (For Handhole application)
GM-04ATTHHTN2BK	ATT.200006976	Tin-plated Copper Ground Bar (1/4"thick x 1.5"W x 7"L) with 8 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing, qty (2) standoff brackets and qty (4) #10 1/4"dia x 3/4" long stainless steel hex head self drilling screws (For Handhole application)
GM-04ATTHHTN2BI	ATT.200006974	Tin-plated Copper Ground Bar (1/4"thick x 1.5"W x 7"L) with 8 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing, qty (2) standoff brackets and (2) black insulators (For Customer Premise application)
GM-04ATTCPN	ATT.200006978	Tin-plated Copper Ground Bar (1/4"thick x 1.5"W x 7"L) with 8 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing and off-set bracket (For Pole application)
GM-04ATT16TN	ATT.200007423	Tin-plated Copper Ground Bar (1/4" thick x 2.0"W x 14"L) with 16 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing
GM-04ATT16TNBI	ATT.200007438	Tin-plated Copper Ground Bar (1/4" thick x 2.0"W x 14"L) with 16 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing w/ black insulators and brackets
GM-04ATT24TN	ATT.200007439	Tin-plated Copper Ground Bar (1/4" thick x 4.0"W x 11"L) with 24 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing
GM-04ATT24TNBI	ATT.200007436	Tin-plated Copper Ground Bar (1/4" thick x 4.0"W x 11"L) with 24 positions pre-loaded with 1/4-20 studs, washers, and nuts for two-hole lugs w/ 5/8" hole spacing w/ black insulators and brackets



GM-04ATTHHTN



GM-04ATTHHTN2BK



GM-04ATTHHTN2BI



GM-04ATTCPN



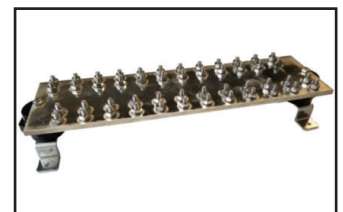
GM-04ATT16TN



GM-04ATT16TNBI



GM-04ATT24TN



GM-04ATT24TNBI

CNUB POWER SHROUDS

Low profile ground mount power and fiber demarcation enclosure for 4G and 5G nodes. Contains integral AC load center and meter socket for incoming AC termination and also has space for an internal fiber enclosure for site fiber termination. Available in multiple colors to match the local surroundings. May be mounted on optional Charles CPAD composite mounting pad for reduced installation cost and time.

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	EQUIPMENT SUPPORTED	LOAD CENTER	THERMAL SPECS	WEIGHT EMPTY (lbs.)
CNUB-421211ABA1	CEQ.43892	42x12x11	Off-White	(1) Charles CFTT	8 Pos. & Ringless Meter Socket	Vented	75
CNUB-421211DBA1	CEQ.43891	42x12x11	Gray, RAL7035	(1) Charles CFTT	8 Pos. & Ringless Meter Socket	Vented	75
CNUB-421211FBA1	CEQ.43894	42x12x11	Black	(1) Charles CFTT	8 Pos. & Ringless Meter Socket	Vented	75
CNUB-421211GBA1	CEQ.43893	42x12x11	National Park Brown	(1) Charles CFTT	8 Pos. & Ringless Meter Socket	Vented	75
CNUB-421211HBA1	CEQ.43895	42x12x11	Hunter Green	(1) Charles CFTT	8 Pos. & Ringless Meter Socket	Vented	75
CNUB-421211ABB1	CEQ.44172	42x12x11	Off-White	(1) Charles CFTT	8 Position & Ring Type Meter Socket	Vented	75
CNUB-421211DBB1	CEQ.44167	42x12x11	Gray, RAL7035	(1) Charles CFTT	8 Position & Ring Type Meter Socket	Vented	75
CNUB-421211FBB1	CEQ.44170	42x12x11	Black	(1) Charles CFTT	8 Position & Ring Type Meter Socket	Vented	75
CNUB-421211GBB1	CEQ.44171	42x12x11	National Park Brown	(1) Charles CFTT	8 Position & Ring Type Meter Socket	Vented	75
CNUB-421211HBB1	CEQ.44166	42x12x11	Hunter Green	(1) Charles CFTT	8 Position & Ring Type Meter Socket	Vented	75
CNUB-421211ABC1	CEQ.43896	42x12x11	Off-White	(1) Charles CFTT	8 Pos. & Ringless Horn Bypass Meter Socket	Vented	75
CNUB-421211DBC1	CEQ.43898	42x12x11	Gray, RAL7035	(1) Charles CFTT	8 Pos. & Ringless Horn Bypass Meter Socket	Vented	75
CNUB-421211FBC1	CEQ.43890	42x12x11	Black	(1) Charles CFTT	8 Pos. & Ringless Horn Bypass Meter Socket	Vented	75
CNUB-421211GBC1	CEQ.43899	42x12x11	National Park Brown	(1) Charles CFTT	8 Pos. & Ringless Horn Bypass Meter Socket	Vented	75
CNUB-421211HBC1	CEQ.43897	42x12x11	Hunter Green	(1) Charles CFTT	8 Pos. & Ringless Horn Bypass Meter Socket	Vented	75

ACCESSORIES

CPAD-SAE1211XXX	CEQ.44163	Composite Pad for CNUB Series
97-002377D-A	CEQ.44165	Optional Plinth Kit, Off-White
97-002377D-A	CEQ.44173	Optional Plinth Kit, Gray, RAL7035
97-002377F-A	CEQ.44169	Optional Plinth Kit, Black
97-002377G-A	CEQ.44168	Optional Plinth Kit, National Park Brown
97-002377H-A	CEQ.44174	Optional Plinth Kit, Hunter Green
02-000290-0		Off-White Touch Up Paint
02-000589-0		Gray, RAL7035 Touch Up Paint
02-000590-0		Black Touch Up Paint
02-000585-0		National Park Brown Touch Up Paint
02-000599-0		Hunter Green Touch Up Paint



SHRDPW POWER/FIBER DEMARCATION ENCLOSURES

The outdoor, weather-resistant SHRDPW is often used to provide DC power and fiber connections to RRH at small cell locations where pole-mounted enclosures are prohibited or not desired. SHRDPW are mounted on a composite mounting pad (Charles CPAD) for quick installation in unpaved areas, often adjacent to a utility/lighting pole with attached radios and an antenna.

PART NUMBER	CEQ NUMBER	OVERALL DIM. (in.) HxWxD	COLOR	EQUIPMENT SUPPORTED	LOAD CENTER	THERMAL SPECS	WEIGHT EMPTY (lbs.)
SHRDPW-NN1ANGE1	CEQ.48715	42x15x15	Off-White	(2) Delta 1kW or Nokia FPAE rectifiers, (1) Charles CFTT	8 Pos. & Ringless MS	Vented	77
SHRDPW-NN1DNGE1	CEQ.48718	42x15x15	Gray, RAL7035	(2) Delta 1kW or Nokia FPAE rectifiers, (1) Charles CFTT	8 Pos. & Ringless MS	Vented	77
SHRDPW-NN1FNGE1	CEQ.48712	42x15x15	Black	(2) Delta 1kW or Nokia FPAE rectifiers, (1) Charles CFTT	8 Pos. & Ringless MS	Vented	77
SHRDPW-NN1GNGE1	CEQ.48726	42x15x15	National Park Brown	(2) Delta 1kW or Nokia FPAE rectifiers, (1) Charles CFTT	8 Pos. & Ringless MS	Vented	77
SHRDPW-NN1HNGE1	CEQ.48706	42x15x15	Hunter Green	(2) Delta 1kW or Nokia FPAE rectifiers, (1) Charles CFTT	8 Pos. & Ringless MS	Vented	77

ACCESSORIES

CPAD-SAE1514XXX	CEQ.48710	Composite Pad for SHRDPW-NN1xNGE1
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SIDE ARM MOUNTS (SAM)

Offset antenna mount solution for placement of antenna away from the pole centerline. Concealment shroud beneath antenna masks antenna cabling. Available in multiple colors to match the existing pole. Supports a variety of antenna models. Mounting for a low power (pico) remote radio head from various OEMs inside the arm for added site concealment.

PART NUMBER	CEQ NUMBER	DIMENSIONS	COLOR	RADIOS SUPPORTED	ANTENNAS SUPPORTED
SAM-140824AEG11	CEQ.47695	14"H, 24" offset	Off White	(1) Ericsson 220x/440x radio	(1) Gamma Nu OYZ9X360F10
SAM-140824DEG11	CEQ.47662	14"H, 24" offset	Gray, RAL7035	(1) Ericsson 220x/440x radio	(1) Gamma Nu OYZ9X360F10
SAM-140824FEG11	CEQ.47733	14"H, 24" offset	Black	(1) Ericsson 220x/440x radio	(1) Gamma Nu OYZ9X360F10
SAM-140824GEG11	CEQ.47670	14"H, 24" offset	National Park Brown	(1) Ericsson 220x/440x radio	(1) Gamma Nu OYZ9X360F10
SAM-141024AEXX1	CEQ.47678	14"H, 24" offset	Off White	(1) Ericsson 220x/440x radio	(1) Galtronics GC-2410-06621
SAM-141024DEXX1	CEQ.47713	14"H, 24" offset	Gray, RAL7035	(1) Ericsson 220x/440x radio	(1) Galtronics GC-2410-06621
SAM-141024FEXX1	CEQ.47731	14"H, 24" offset	Black	(1) Ericsson 220x/440x radio	(1) Galtronics GC-2410-06621
SAM-141024GEXX1	CEQ.47664	14"H, 24" offset	National Park Brown	(1) Ericsson 220x/440x radio	(1) Galtronics GC-2410-06621
SAM-141624AERD1	CEQ.47681	14"H, 24" offset	Off White	(1) Ericsson 220x/440x radio	(1) Gamma Nu or (1) Galtronics*
SAM-141624DERD1	CEQ.47682	14"H, 24" offset	Gray, RAL7035	(1) Ericsson 220x/440x radio	(1) Gamma Nu or (1) Galtronics*
SAM-141624FERD1	CEQ.47721	14"H, 24" offset	Black	(1) Ericsson 220x/440x radio	(1) Gamma Nu or (1) Galtronics*
SAM-141624GERD1	CEQ.47685	14"H, 24" offset	National Park Brown	(1) Ericsson 220x/440x radio	(1) Gamma Nu or (1) Galtronics*
SAM-160824AEG11	CEQ.52540	16"H, 24" offset	Off White	(3) Ericsson 220x/440x & (2) Samsung 5G HT5H01 radios	(1) Gamma Nu OYZ9X360F10
SAM-160824DEG11	CEQ.52541	16"H, 24" offset	Gray, RAL7035	(3) Ericsson 220x/440x & (2) Samsung 5G HT5H01 radios	(1) Gamma Nu OYZ9X360F10
SAM-160824FEG11	CEQ.52538	16"H, 24" offset	Black	(3) Ericsson 220x/440x & (2) Samsung 5G HT5H01 radios	(1) Gamma Nu OYZ9X360F10
SAM-160824GEG11	CEQ.52559	16"H, 24" offset	National Park Brown	(3) Ericsson 220x/440x & (2) Samsung 5G HT5H01 radios	(1) Gamma Nu OYZ9X360F10
SAM-161024ABG11	CEQ.53193	16"H, 24" offset	Off White	(3) Ericsson 220x/440x radio, (3) Ericsson AIR 1281 5G	(1) Gamma Nu QOYZ9X360F14TX
SAM-161024DBG11	CEQ.53188	16"H, 24" offset	Gray, RAL7035	(3) Ericsson 220x/440x radio, (3) Ericsson AIR 1281 5G	(1) Gamma Nu QOYZ9X360F14TX
SAM-161024FBG11	CEQ.53197	16"H, 24" offset	Black	(3) Ericsson 220x/440x radio, (3) Ericsson AIR 1281 5G	(1) Gamma Nu QOYZ9X360F14TX
SAM-161024GBG11	CEQ.53194	16"H, 24" offset	National Park Brown	(3) Ericsson 220x/440x radio, (3) Ericsson AIR 1281 5G	(1) Gamma Nu QOYZ9X360F14TX
SAM-201024ANXX1	CEQ.47706	20"H, 24" offset	Off White	(1) LAA Nokia Aircscale Micro RRH	(1) Galtronics P6480i antenna
SAM-201024DNXX1	CEQ.47701	20"H, 24" offset	Gray, RAL7035	(1) LAA Nokia Aircscale Micro RRH	(1) Galtronics P6480i antenna
SAM-201024FNXX1	CEQ.47667	20"H, 24" offset	Black	(1) LAA Nokia Aircscale Micro RRH	(1) Galtronics P6480i antenna
SAM-201024GNXX1	CEQ.47658	20"H, 24" offset	National Park Brown	(1) LAA Nokia Aircscale Micro RRH	(1) Galtronics P6480i antenna
SAM-201024YNXX1	CEQ.47727	20"H, 24" offset	Brown Green, RAL 6008	(1) LAA Nokia Aircscale Micro RRH	(1) Galtronics P6480i antenna
SAM-201024ANA21	CEQ.47659	20"H, 24" offset	Off White	(1) LAA Nokia Aircscale Micro RRH	(1) Acecom ACOM-2F10D-10P-
SAM-201024DNA21	CEQ.47663	20"H, 24" offset	Gray, RAL7035	(1) LAA Nokia Aircscale Micro RRH	(1) Acecom ACOM-2F10D-10P-
SAM-201024FNA21	CEQ.47686	20"H, 24" offset	Black	(1) LAA Nokia Aircscale Micro RRH	(1) Acecom ACOM-2F10D-10P-
SAM-201024GNA21	CEQ.47673	20"H, 24" offset	National Park Brown	(1) LAA Nokia Aircscale Micro RRH	(1) Acecom ACOM-2F10D-10P-
SAM-201024YNA21	CEQ.47697	20"H, 24" offset	Brown Green, RAL 6008	(1) LAA Nokia Aircscale Micro RRH	(1) Acecom ACOM-2F10D-10P-
SAM-201024AND11	CEQ.54791	20"H, 24" offset	Off White	(1) LAA Nokia Aircscale Micro RRH	(1) DKK DKOBDYKOP-7R45F
SAM-201024DND11	CEQ.54785	20"H, 24" offset	Gray, RAL7035	(1) LAA Nokia Aircscale Micro RRH	(1) DKK DKOBDYKOP-7R45F
SAM-201024FND11	CEQ.54784	20"H, 24" offset	Black	(1) LAA Nokia Aircscale Micro RRH	(1) DKK DKOBDYKOP-7R45F
SAM-201024GND11	CEQ.54787	20"H, 24" offset	National Park Brown	(1) LAA Nokia Aircscale Micro RRH	(1) DKK DKOBDYKOP-7R45F
SAM-201024YND11	CEQ.54786	20"H, 24" offset	Brown Green, RAL 6008	(1) LAA Nokia Aircscale Micro RRH	(1) DKK DKOBDYKOP-7R45F
SAM-221924AAXX1	CEQ.53190	22"H, 24" offset	Off White	(3) Ericsson 220x/440x radio, (2) Samsung 5G HT5H01	(1) Galtronics P6480i or GQ2410-06621
SAM-221924DAXX1	CEQ.53196	22"H, 24" offset	Gray, RAL7035	(3) Ericsson 220x/440x radio, (2) Samsung 5G HT5H01	(1) Galtronics P6480i or GQ2410-06621
SAM-221924FAXX1	CEQ.53192	22"H, 24" offset	Black	(3) Ericsson 220x/440x radio, (2) Samsung 5G HT5H01	(1) Galtronics P6480i or GQ2410-06621
SAM-221924GAXX1	CEQ.53189	22"H, 24" offset	National Park Brown	(3) Ericsson 220x/440x radio, (2) Samsung 5G HT5H01	(1) Galtronics P6480i or GQ2410-06621
SAM-221037AAXX1	CEQ.47676	22"H, 37" offset	Off White	(4) Ericsson 220x/440x radios	(1) Galtronics P6480i antenna
SAM-221037DAXX1	CEQ.47732	22"H, 37" offset	Gray, RAL7035	(4) Ericsson 220x/440x radios	(1) Galtronics P6480i antenna
SAM-221037FAXX1	CEQ.47724	22"H, 37" offset	Black	(4) Ericsson 220x/440x radios	(1) Galtronics P6480i antenna
SAM-221037GAXX1	CEQ.47723	22"H, 37" offset	National Park Brown	(4) Ericsson 220x/440x radios	(1) Galtronics P6480i antenna

***Choice of one of the following antennas:**

- Gamma Nu OYZ9X360F10
- Gamma Nu OYZ9X360V1T20-RET
- Gamma Nu DOYZ9X360F12
- Gamma Nu DOYZ9X360F14
- Gamma Nu QOYZ9X360F14TX
- Galtronics GQ2410-06621
- Galtronics GQ2414-06790

ACCESSORIES

- | | |
|-------------|------------------------------------|
| 02-000290-0 | Off-White Touch Up Paint |
| 02-000589-0 | Gray, RAL7035 Touch Up Paint |
| 02-000590-0 | Black Touch Up Paint |
| 02-000585-0 | National Park Brown Touch Up Paint |





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