

Charles Side Arm Mount (SAM) for Remote Radio Heads (RRH) and Antennas



Charles Industries' Side Arm Mount (SAM) is a sturdy offset antenna mounting bracket with additional space for a low power RRH. It is suitable for outside plant (OSP) locations and those that may require NEC compliance. The outdoor, weather-resistant SAM mounts onto a pole and supports one radio inside the compartment and one antenna on top of the antenna shroud/mast (radio and antenna are customer supplied). SAM are mounted to the pole using an integrated pole mounting spine featuring both bolt mounting holes and strap mounting slots for ease of installation. Two lifting holes are provided for chains or slings to be attached for lifting by a derrick (crane).

SAM are available in several color choices to match existing poles. Please call for information about custom configurations.

Specifications

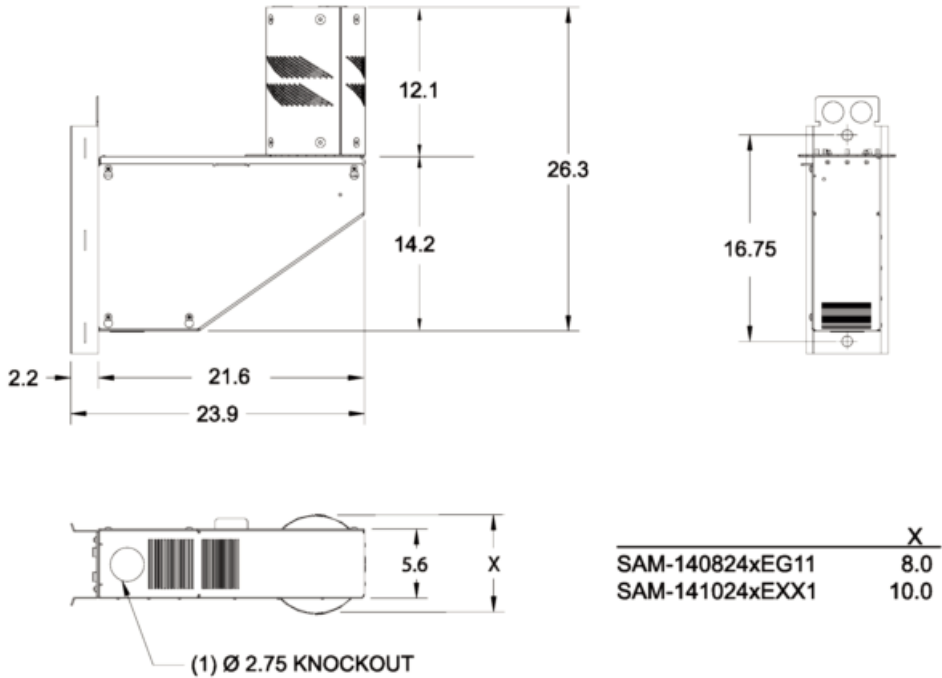
Construction 0.125" aluminum welded construction for compartment sides & antenna shroud curved panels, steel construction for spine, compartment front & rear panel
 Mounting Style Mid Pole Mount, with bolts and/or metal straps
 Bonding and Grounding . . . One 2x8 position ground bar inside compartment
 Operating Temp. Range . . . -40° to +115°F (-40° to 46°C) outside compartment
 -40° to +131°F (-40° to 55°C) inside compartment
 Humidity 0 to 95% (non-condensing)
 Altitude Up to 2,000 meters (6,560 feet)

Charles Part #	Overall Dimensions	Supported Equipment	Weight (as shipped / with equip.)	Color	Touch-Up Paint Part #
SAM-140824DEG11	14" high, Ø8" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Gamma Nu OYZ9X360F10 antenna	34 lb. / 56 lb.	Classic Texture Gray	02-000629-0
SAM-140824FEG11	14" high, Ø8" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Gamma Nu OYZ9X360F10 antenna	34 lb. / 56 lb.	Onyx Black	02-000611-0
SAM-140824GEG11	14" high, Ø8" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Gamma Nu OYZ9X360F10 antenna	34 lb. / 56 lb.	Ntl. Park Brown	02-000626-0
SAM-141024DEXX1	14" high, Ø10" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Galtronics EXTENT P6480i antenna	38 lb. / 67 lb.	Classic Texture Gray	02-000629-0
SAM-141024FEXX1	14" high, Ø10" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Galtronics EXTENT P6480i antenna	38 lb. / 67 lb.	Onyx Black	02-000611-0
SAM-141024GEXX1	14" high, Ø10" antenna, 24" offset from pole	(1) Ericsson 220x RRH, (1) Galtronics EXTENT P6480i antenna	38 lb. / 67 lb.	Ntl. Park Brown	02-000626-0
SAM-200824DNC11	20" high, Ø8" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Commscope VVSSP-360S-F antenna	50 lb. / 82 lb.	Classic Texture Gray	02-000629-0
SAM-200824FNC11	20" high, Ø8" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Commscope VVSSP-360S-F antenna	50 lb. / 82 lb.	Onyx Black	02-000611-0
SAM-200824GNC11	20" high, Ø8" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Commscope VVSSP-360S-F antenna	50 lb. / 82 lb.	Ntl. Park Brown	02-000626-0
SAM-201024DNXX1	20" high, Ø10" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Galtronics CQ2410-06621 antenna	50 lb. / 80 lb.	Classic Texture Gray	02-000629-0
SAM-201024FNXX1	20" high, Ø10" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Galtronics CQ2410-06621 antenna	50 lb. / 80 lb.	Onyx Black	02-000611-0
SAM-201024GNXX1	20" high, Ø10" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Galtronics CQ2410-06621 antenna	50 lb. / 80 lb.	Ntl. Park Brown	02-000626-0
SAM-201424DNP11	20" high, Ø14" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Rosenberger BA-O3OT3VFX65F-06 antenna	50 lb. / 80 lb.	Classic Texture Gray	02-000629-0
SAM-201424FNP11	20" high, Ø14" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Rosenberger BA-O3OT3VFX65F-06 antenna	50 lb. / 80 lb.	Onyx Black	02-000611-0
SAM-201424GNP11	20" high, Ø14" antenna, 24" offset from pole	(1) LAA Nokia Aircscale Micro RRH, (1) Rosenberger BA-O3OT3VFX65F-06 antenna	50 lb. / 80 lb.	Ntl. Park Brown	02-000626-0

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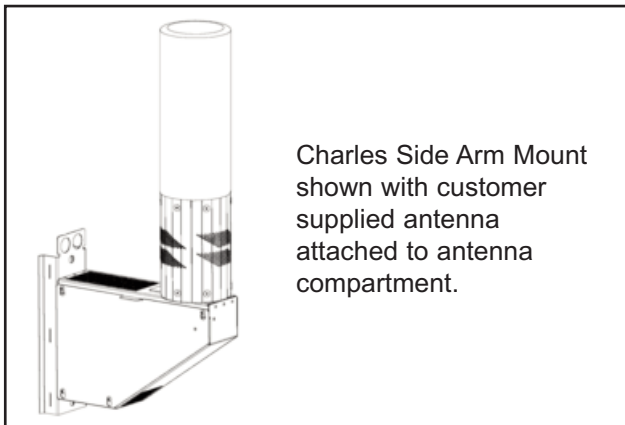
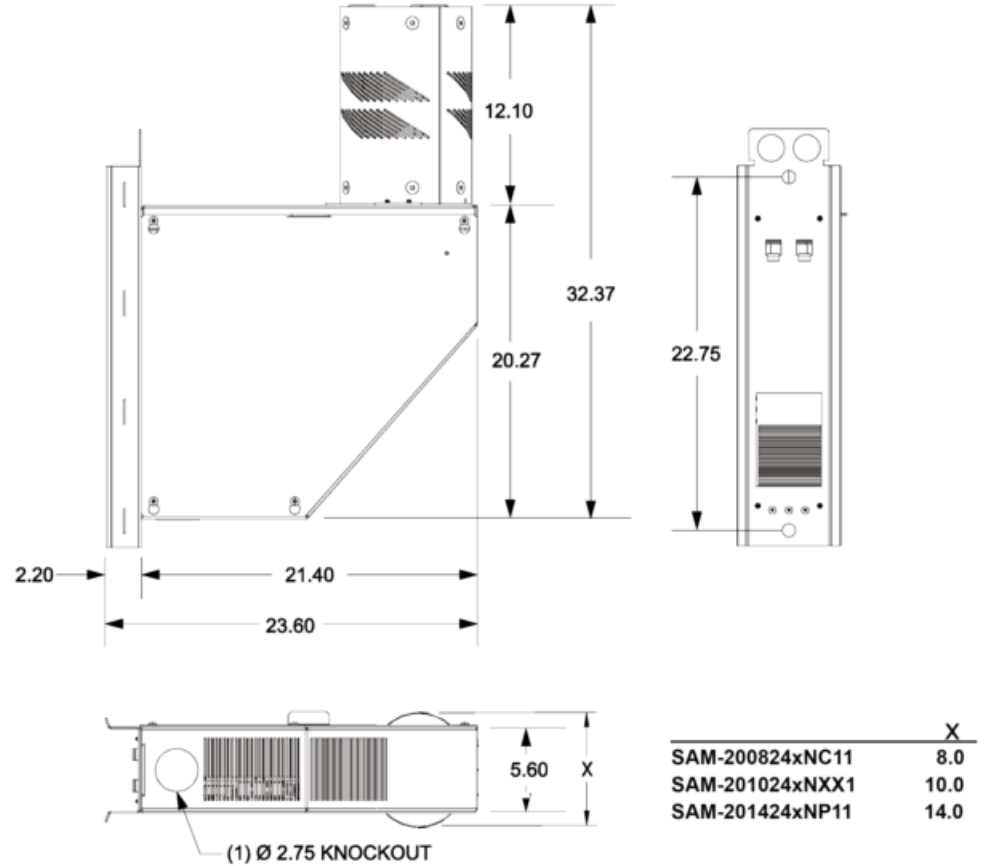
SAM-14xx24 Dimensions

All measurements in inches



SAM-20xx24 Dimensions

All measurements in inches



Charles Side Arm Mount shown with customer supplied antenna attached to antenna compartment.

