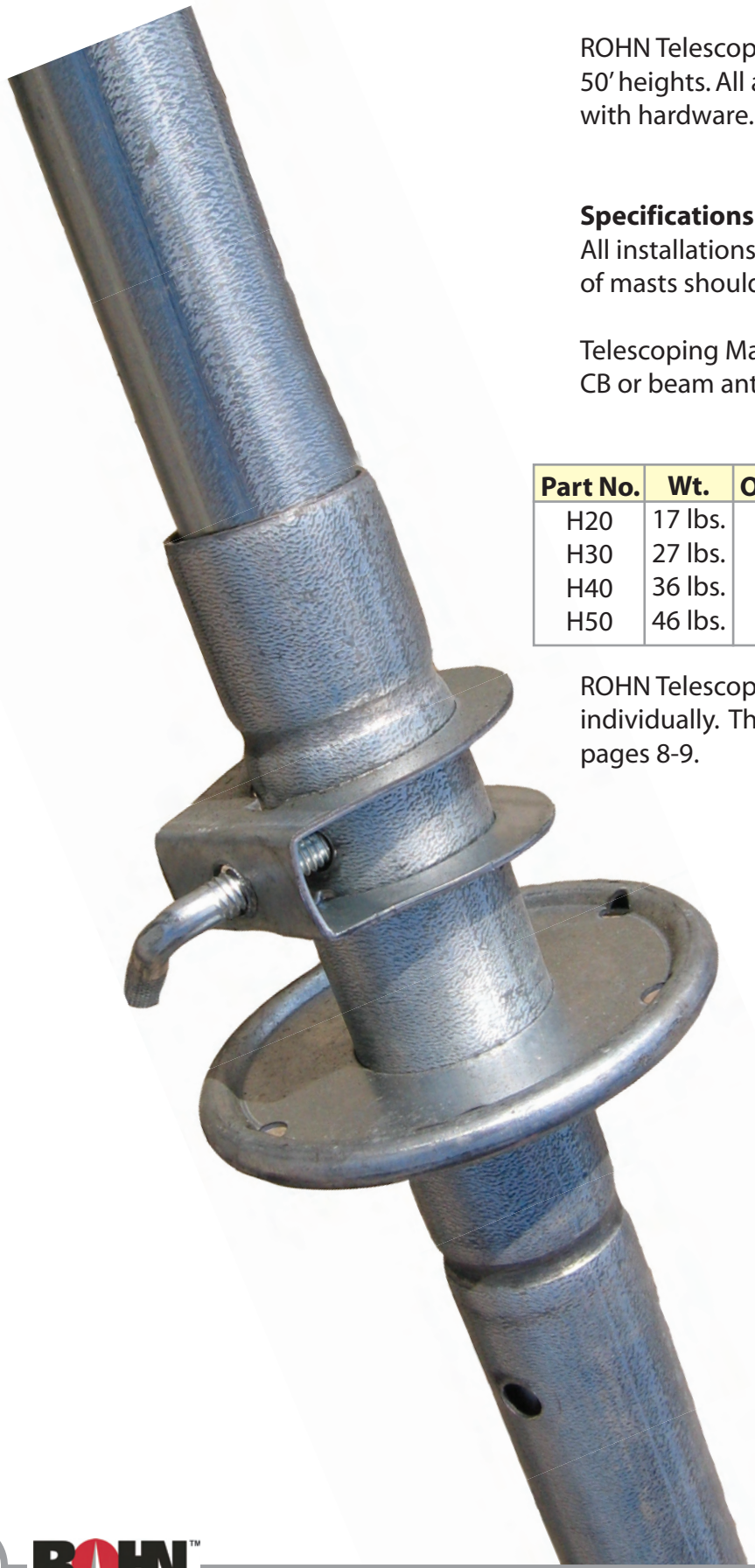
TELESCOPING MASTS







TELESCOPING MASTS
FOR USE IN GUYED OR BRACKETED INSTALLATIONS



ROHN Telescoping Masts are available in 20′, 30′, 40′ and 50′ heights. All are pre-galvanized and come assembled with hardware.

Specifications:
All installations must be guyed or bracketed. Installation of masts should be done by experienced professionals.

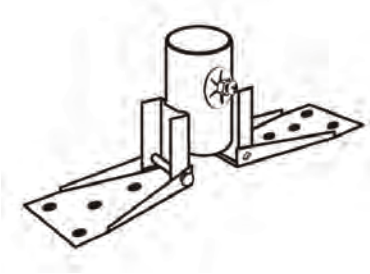
Telescoping Masts are not recommended for commercial, CB or beam antenna installations.

Part No.	Wt.	O.D. Bottom	O.D. Top	Shipping Length
H20	17 lbs.	1 1/2″	1 1/4″	123″
H30	27 lbs.	1 3/4″	1 1/4″	123″
H40	36 lbs.	2″	1 1/4″	123″
H50	46 lbs.	2 1/4″	1 1/4″	123″

ROHN Telescoping Masts and bases are purchased individually. The guy/anchor kits are available on pages 8-9.

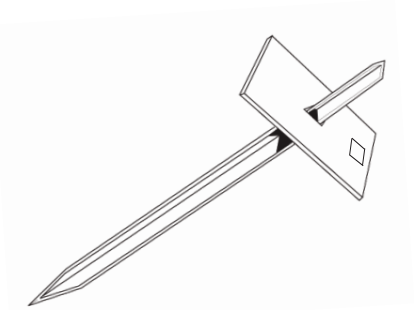
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PARTS & ACCESSORIES



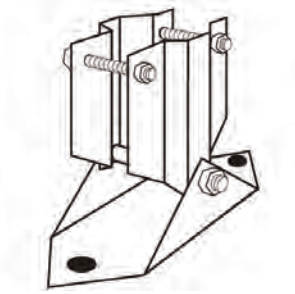
Universal Ridge Mounts
Completely assembled for quick and easy flat or peaked roof installation. Allows tall masts to be swung up along the ridge of the roof.

Part No.	Description
UM20	Holds masts to 1 1/2″ dia.
UM30	Holds masts to 1 3/4″ dia.
UM40	Holds masts to 2″ dia.
UM50	Holds masts to 2 1/4″ dia.



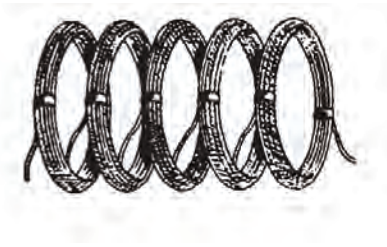
Ground Mounts
Sturdy, galvanized, drive-in type mount for all ROHN telescoping masts, 1 1/4″ tubing and 1 1/2″ tubing.

Part No.	Description
GTMBL	Ground Mount



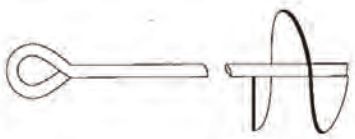
Universal Roof Mount
Features galvanized finish and heavy duty steel throughout. Completely assembled. Holds all ROHN telescoping masts, 1 1/4″ tubing and 1 1/2″ tubing.

Part No.	Description
ETMB	Universal Mount



Galvanized Guy Wire
Heavy galvanized steel guy wire. Rust proof, non-tangling inter-connected coils. Packaged 1000′ per box.

Part No.	Description
618	6 strand, 18 GA

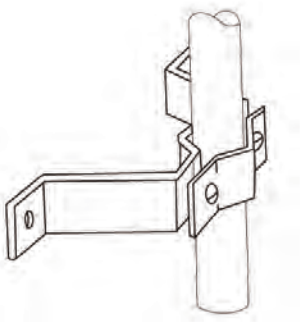


Screw Anchor
Hot dip galvanized screw anchor ideal for guyed telescoping masts and tubing.

Part No.	Description
GAS4303	3′ x 1/2″
GAS604	4′ x 5/8″

Gripple (not shown)
Use for easy installation.

Part No.	Description
61820GRPL	Rope Wire Gripple

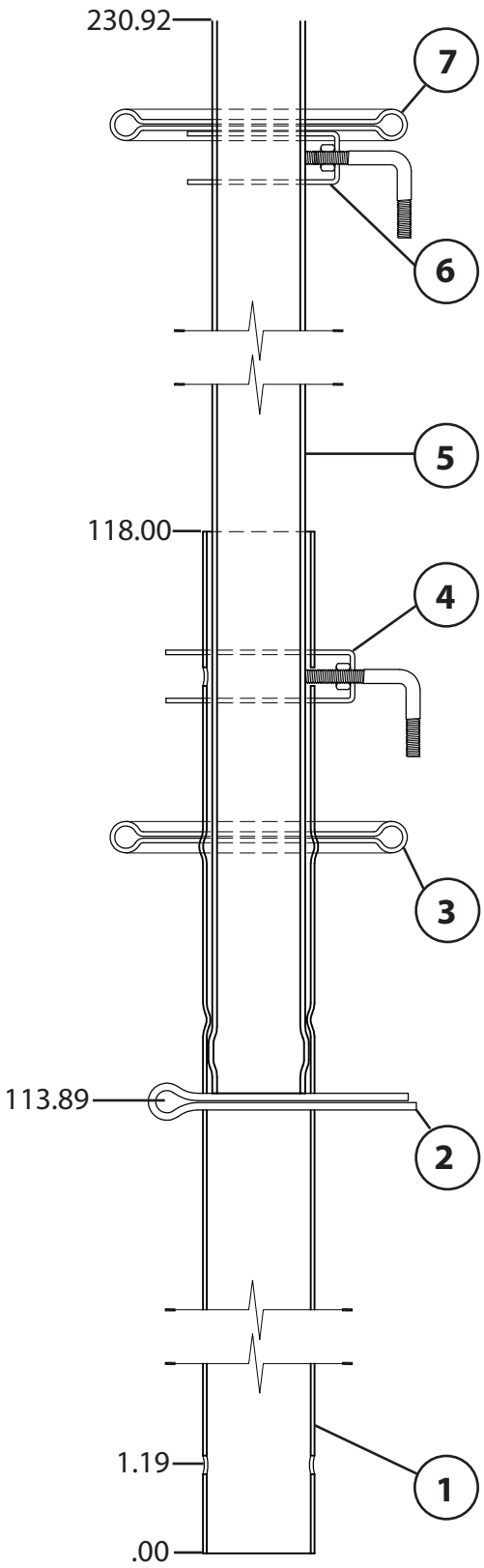


Wall Mounts
Heavy duty galvanized mounts for close mounting clearance. Installation hardware included.

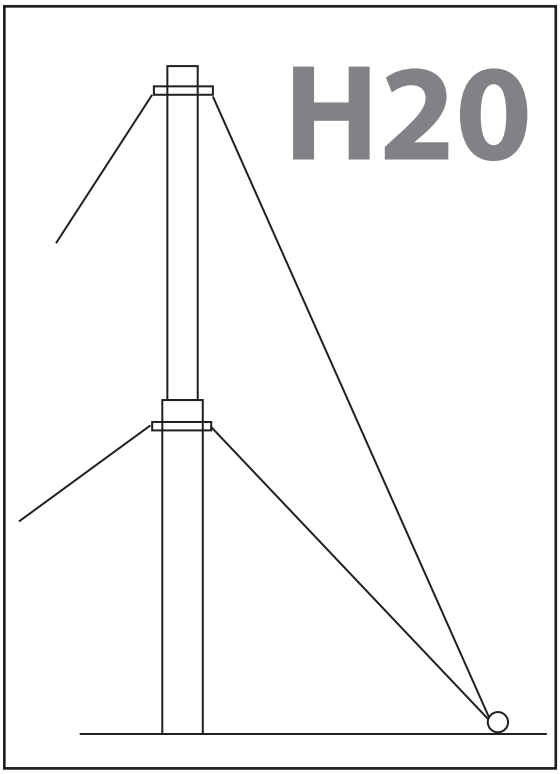
Part No.	Description
WM4	4″ clearance - upper/lower bracket
WM6S	6″ clearance - upper bracket only
WM8S	8″ clearance - upper bracket only
WM12S	12″ clearance - upper bracket only
WM18S	18″ clearance - upper bracket only
WM24S	24″ clearance - upper bracket only

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TELESCOPING MASTS
H20



Units shown in inches.

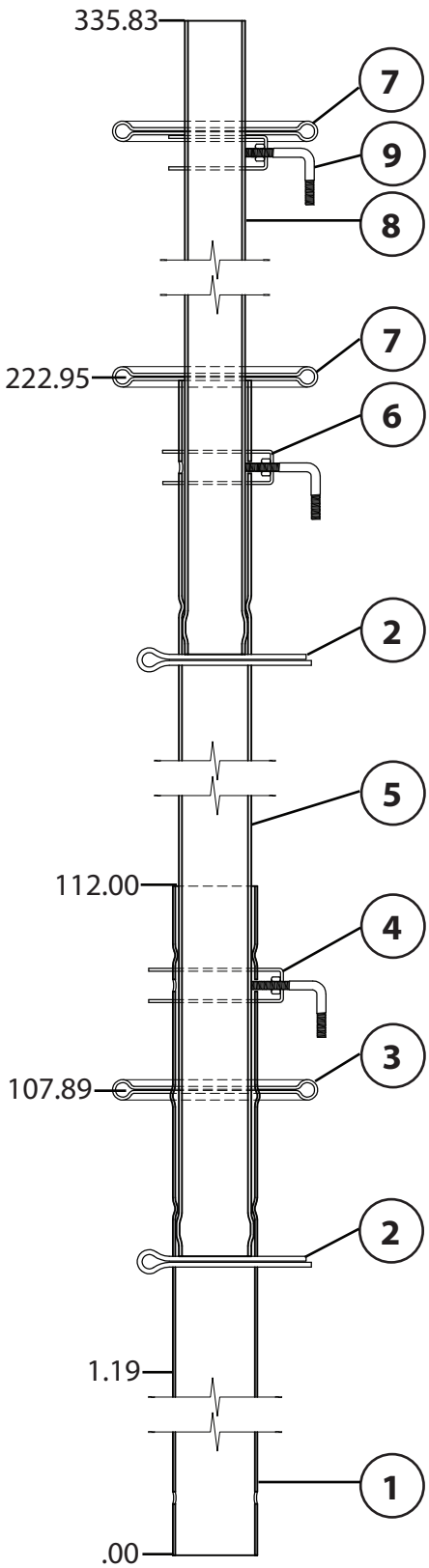


BILL OF MATERIAL

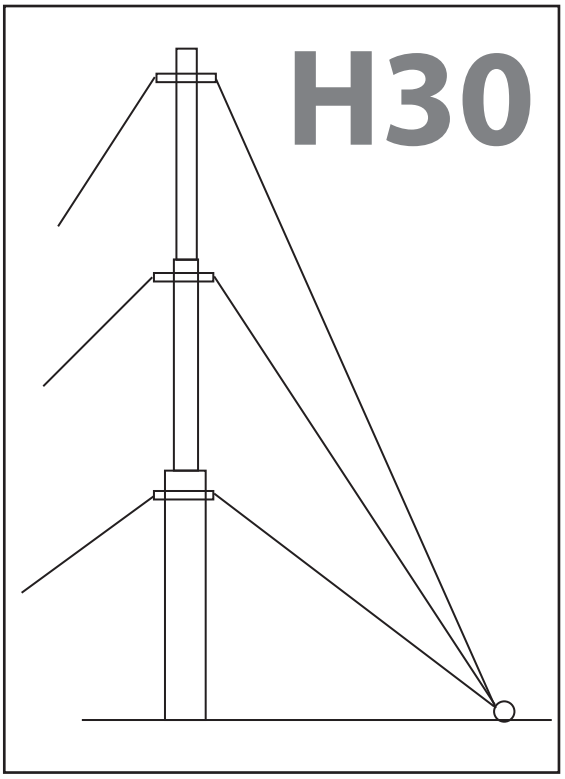
Item	Qty.	Part Number	Description	Item Weight
1	1	KH976	Tube 118" 1 1/2 x 18GA PG	7.457
2	1	280002	Cotter Pin 1/4 x 3 ZP	0.036
3	1	GR2	Guy Ring, 1 1/2" PG	0.215
4	1	C2A	Mast Clamp #2 (1.5") w/ bolt assy.	0.179
5	1	KH890	Tube 120" 1 1/4 x 16GA PG	7.776
6	1	C1A	Mast Clamp #1 (1.25") w/ bolt assy.	0.132
7	1	GR1	Guy Ring, 1 1/4" PG	0.223
			Total Weight	16.018

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TELESCOPING MASTS
H30



Units shown in inches.

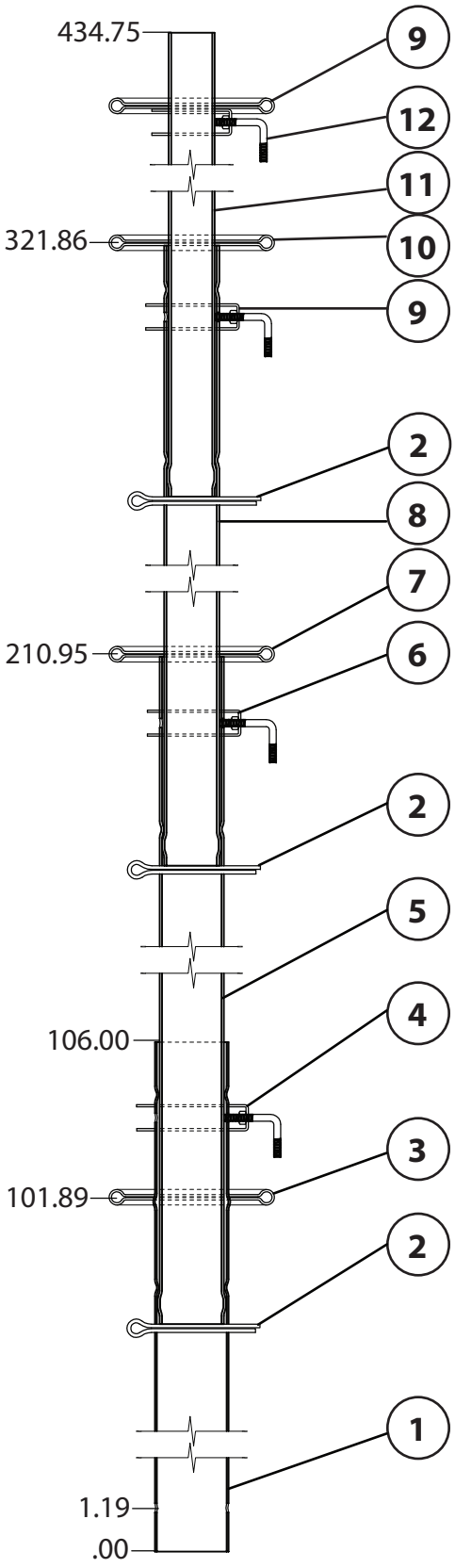


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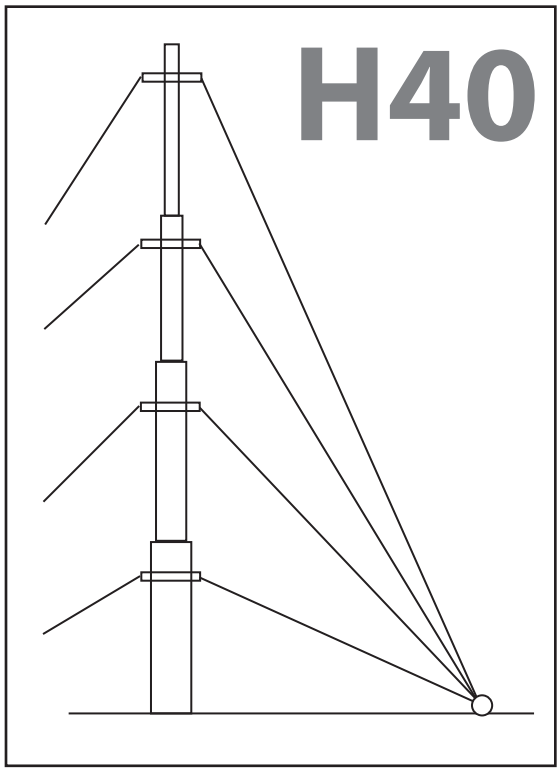
Item	Qty.	Part Number	Description	Item Weight
1	1	KH977	Tube 112" 1 3/4 x 18GA PG	8.297
2	2	280002	Cotter Pin 1/4 x 3 ZP	0.036
3	1	GR3	Guy Ring, 1 3/4" PG	0.206
4	1	C3A	Mast Clamp #3 (1.75") w/ bolt assy.	0.179
5	1	KH976	Tube 118" 1 1/2 x 18GA PG	7.457
6	1	C2A	Mast Clamp #2 (1.5") w/ bolt assy.	0.179
7	2	GR1	Guy Ring, 1 1/4" PG	0.223
8	1	KH890	Tube 120" 1 1/4 x 16GA PG	7.776
9	1	C1A	Mast Clamp #1 (1.25") w/ bolt assy.	0.132
			Total Weight	24.744

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TELESCOPING MASTS
H40



Units shown in inches.

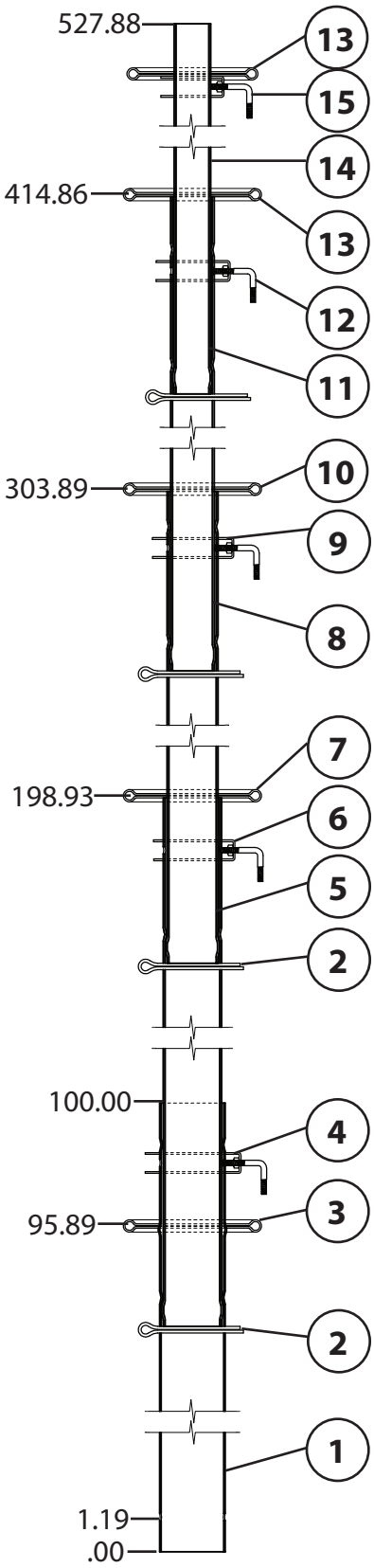


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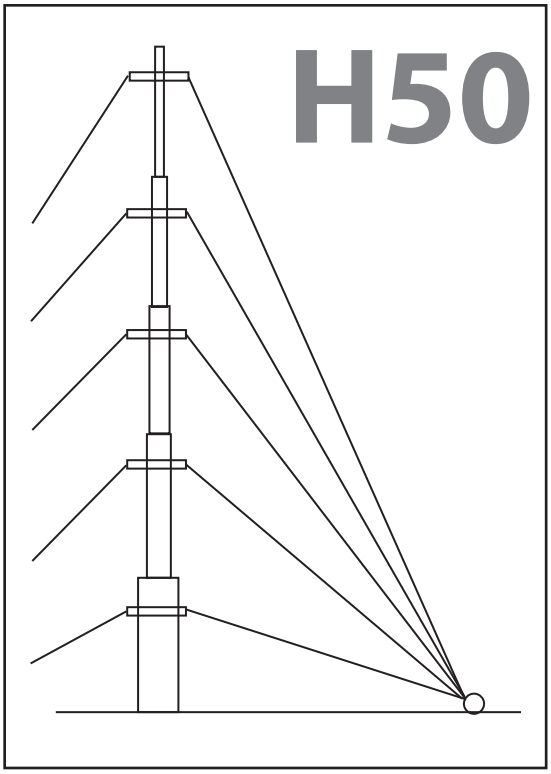
Item	Qty.	Part Number	Description	Item Weight
1	1	KH978	Tube 106" 2 x 18GA PG	9.007
2	3	280002	Cotter Pin 1/4 x 3 ZP	0.036
3	1	GR4	Guy Ring, 2" PG	0.196
4	1	C4A	Mast Clamp #4 (2.00") w/ bolt assy.	0.213
5	1	KH977	Tube 112" 1 3/4 x 18GA PG	8.297
6	1	C3A	Mast Clamp #3 (1.75") w/ bolt assy.	0.156
7	1	GR2	Guy Ring, 1 1/2" PG	0.215
8	1	KH976	Tube 118" 1 1/2 x 18GA PG	7.457
9	1	C2A	Mast Clamp #2 (1.5") w/ bolt assy.	0.179
10	2	GR1	Guy Ring, 1 1/4" PG	0.223
11	1	KH890	Tube 120" 1 1/4 x 16GA PG	7.776
12	1	C1A	Mast Clamp #1 (1.25") w/ bolt assy.	0.132
			Total Weight	34.182

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TELESCOPING MASTS
H50



Units shown in inches.



BILL OF MATERIAL

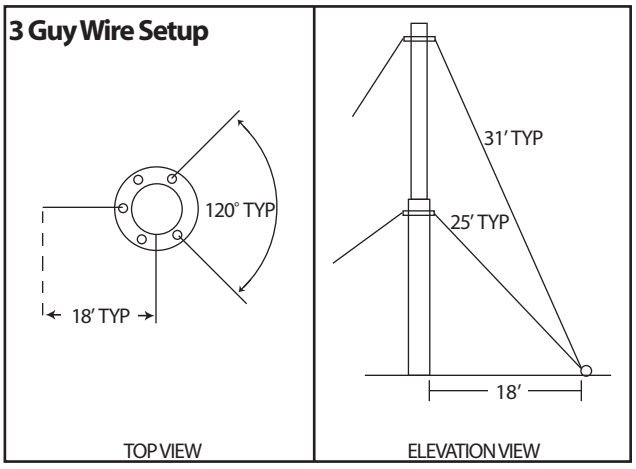
Item	Qty.	Part Number	Description	Item Weight
1	1	KH899	Tube 100" 2 1/4 x 18GA PG	9.586
2	4	280002	Cotter Pin 1/4 x 3 ZP	0.036
3	1	GR5	Guy Ring, 2 1/4" PG	0.184
4	1	C5A	Mast Clamp #5 (2.25") w/ bolt assy.	0.183
5	1	KH978	Tube 106" 2 x 18GA PG	9.007
6	1	C4A	Mast Clamp #4 (2.00") w/ bolt assy.	0.213
7	1	GR3	Guy Ring, 1 3/4" PG	0.206
8	1	KH977	Tube 112" 1 3/4 x 18GA PG	8.297
9	1	C3A	Mast Clamp #3 (1.75") w/ bolt assy.	0.156
10	1	GR2	Guy Ring, 1 1/2" PG	0.215
11	1	KH976	Tube 118" 1 1/2 x 18GA PG	7.457
12	1	C2A	Mast Clamp #2 (1.5") w/ bolt assy.	0.179
13	2	GR1	Guy Ring, 1 1/4" PG	0.223
14	1	KH890	Tube 120" 1 1/4 x 16GA PG	7.776
15	1	C1A	Mast Clamp #1 (1.25") w/ bolt assy.	0.132
			Total Weight	44.181

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INSTALLATION GUIDELINES
& TYPICAL GUY WIRE LAYOUT

All Telescoping Mast kits include guy wire, connection hardware and anchors.
Mast and base must be ordered separately.

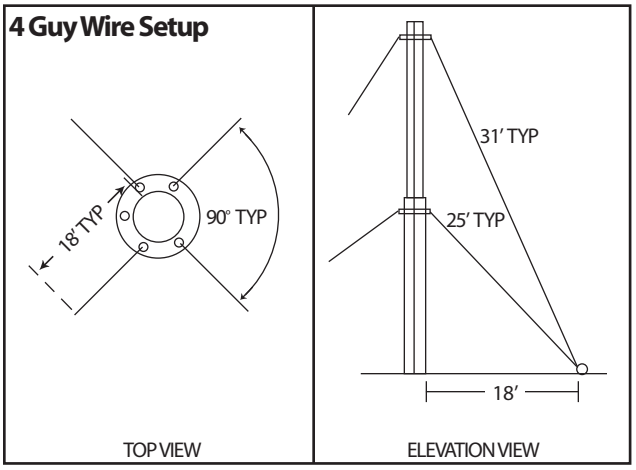
H20 GUY KIT



R-H203WAYGUY

Actual Wire Required - 200'

1	R-618	1000' - 6 Strand/18 GA Wire
1	R-GAS4303	3' x 1/2" Screw Anchor
1	R-61820GRPL	618/620 Gripple

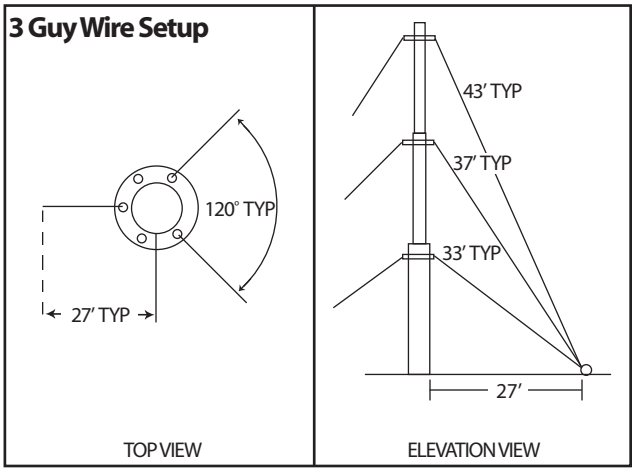


R-H204WAYGUY

Actual Wire Required - 250'

1	R-618	1000' - 6 Strand/18 GA Wire
4	R-GAS4303	3' x 1/2" Screw Anchor
16	R-61820GRPL	618/620 Gripple

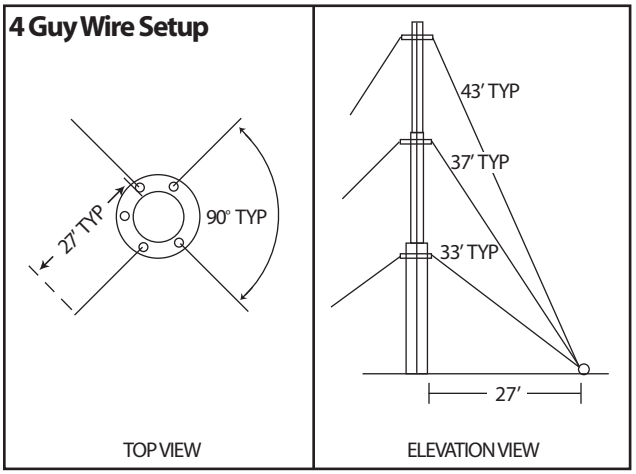
H30 GUY KIT



R-H303WAYGUY

Actual Wire Required - 400'

1	R-618	1000' - 6 Strand/18 GA Wire
3	R-GAS4303	3' x 1/2" Screw Anchor
18	R-61820GRPL	618/620 Gripple



R-H304WAYGUY

Actual Wire Required - 500'

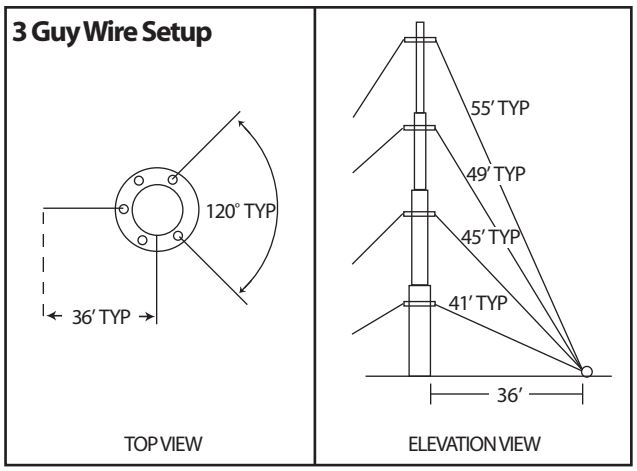
1	R-618	1000' - 6 Strand/18 GA Wire
4	R-GAS4303	3' x 1/2" Screw Anchor
24	R-61820GRPL	618/620 Gripple

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INSTALLATION GUIDELINES
& TYPICAL GUY WIRE LAYOUT

All Telescoping Mast kits include guy wire, connection hardware and anchors.
Mast and base must be ordered separately.

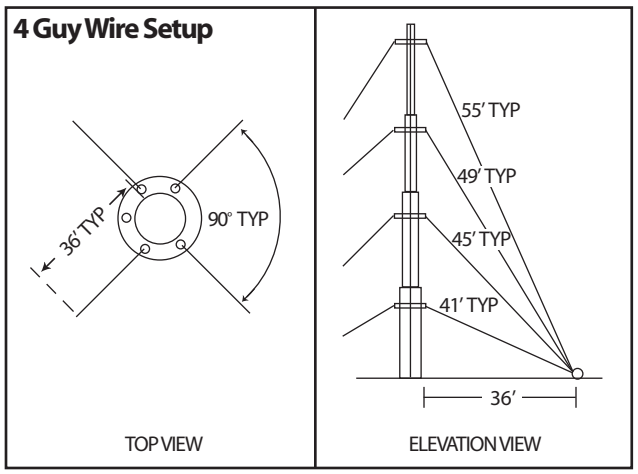
H40 GUY KIT



R-H403WAYGUY

Actual Wire Required - 650'

1	R-618	1000' - 6 Strand/18 GA Wire
3	R-GAS4303	3' x 1/2" Screw Anchor
24	R-61820GRPL	618/620 Gripple

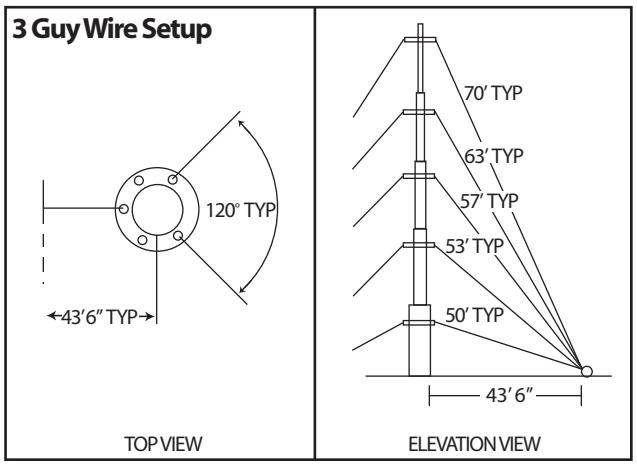


R-H404WAYGUY

Actual Wire Required - 800'

1	R-618	1000' - 6 Strand/18 GA Wire
4	R-GAS4303	3' x 1/2" Screw Anchor
32	R-61820GRPL	618/620 Gripple

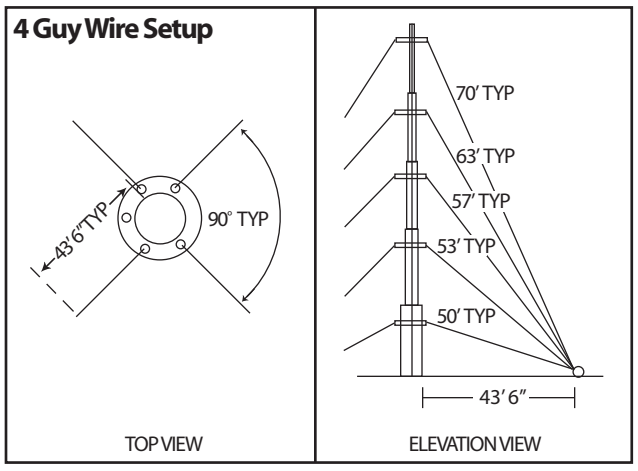
H50 GUY KIT



R-H503WAYGUY

Actual Wire Required - 1000'

1	R-618	1000' - 6 Strand/18 GA Wire
3	R-GAS4303	3' x 1/2" Screw Anchor
30	R-61820GRPL	618/620 Gripple



R-H504WAYGUY

Actual Wire Required - 1200'

2	R-618	1000' - 6 Strand/18 GA Wire
4	R-GAS4303	3' x 1/2" Screw Anchor
40	R-61820GRPL	618/620 Gripple

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INSTALLATION GUIDELINES

1. The pictured guy wire layouts are for a typical installation. Individual installation requirements may vary.
2. All installations must be bracketed or guyed. Brackets, guys and base are not included and must be purchased separately as needed.
3. This mast must be installed at least 95 feet away from any power line. Contact with any power line can kill you. Select a safe site.
4. Guy wire should be a minimum of 6 strands of 18GA wire and a maximum diameter of 3/16". Use a thimble and a turnbuckle at the anchor (3 cable clamps at each end).
5. Mast must be guyed approximately every 9 feet (at the top of each tube) with the distance from the base of the mast to the anchor equal to the height of the upper mast attachment point.
6. Anchors should be spaced every 120° if three guy directions are used, or every 90° if four guy directions are used.
7. All anchors and base must be properly grounded.
8. Secure upper guy ring as high as possible without interfering with antenna mount/bracket.
9. Antenna load (top load) should not exceed 2 square feet of surface. (See your antenna specifications)
10. Do not attempt installation or dismantling if there is any wind or on a wet day.
11. Tie off mast with rope (non-metal) to deflect away from power line if it should fall during installation or dismantling.
12. Use adequate and skilled help in working with this product and have an experienced supervisor.
13. If you are in doubt as to the proper use or method of installation or dismantling, contact an experienced installer and your local electrical utility for assistance. Do not do it yourself.

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