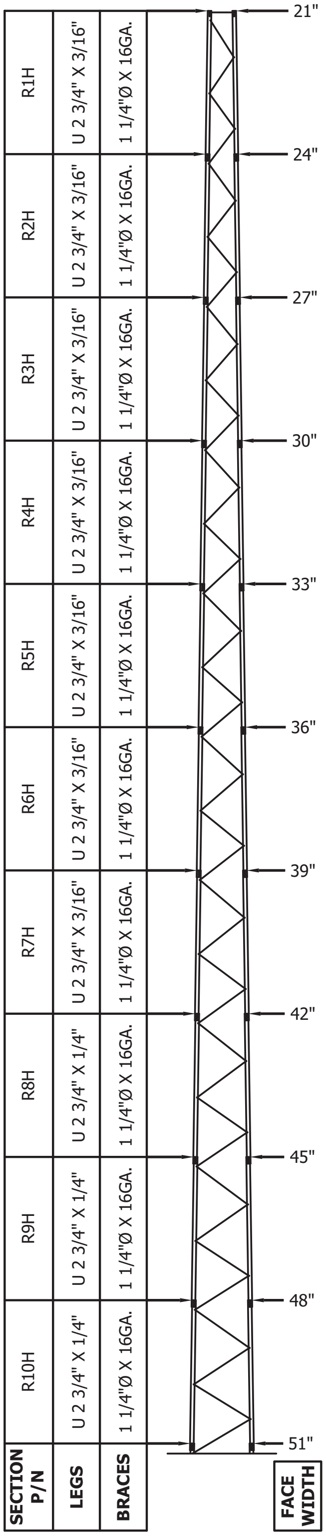


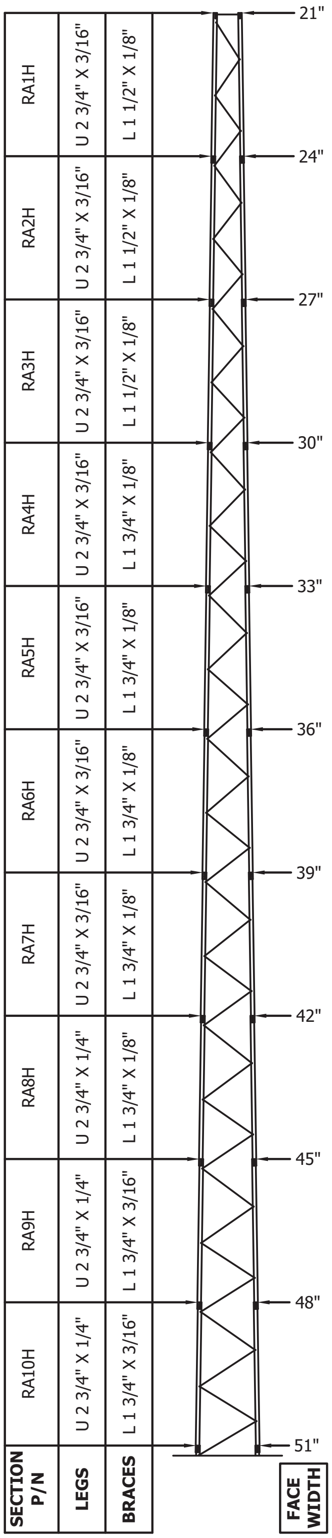
RSL TOWER DESIGN LOADING ACCORDING TO ANSI/TIA-222-G

STRUCTURE CLASSIFICATION = II
EXPOSURE CATEGORY = C
TOPOGRAPHIC CATEGORY = 1
3-SECOND GUST WIND SPEED WITH ICE = 40 MPH
DESIGN ICE THICKNESS = 1.0"
EARTHQUAKE SPECTRAL RESPONSE ACCELERATION, Ss = 2.50 RSL - D05 RO

HEIGHT (FT)	SECTIONS	HIGH PERFORMANCE DISH LOCATED 10 FT BELOW TOWER TOP	TOWER KIT P/N	ALLOWABLE EFFECTIVE PROJECTED AREA (FT²) 3-SECOND GUST WIND SPEED WITHOUT ICE (MPH)					
				90	100	110	120	130	140
90	R1H - R9H	HP2	RSL90H19	5	-	-	-	-	-
	R2H - R10H	HP2	RSL90H20	7	-	-	-	-	-
80	R1H - R8H	HP2	RSL80H18	7	-	-	-	-	-
	R2H - R9H	HP2	RSL80H29	17	6	-	-	-	-
	R3H - R10H	HP4	RSL80H30	10	-	-	-	-	-
70	R1H - R7H	HP2	RSL70H17	10	-	-	-	-	-
	R2H - R8H	HP2	RSL70H28	20	10	-	-	-	-
	R3H - R9H	HP2	RSL70H39	31	19	9	-	-	-
	R4H - R10H	HP4	RSL70H40	27	12	-	-	-	-
60	R1H - R6H	HP2	RSL60H16	25	13	5	-	-	-
	R4H - R9H	HP4	RSL60H49	43	27	15	6	-	-
	R5H - R10H	HP4	RSL60H50	48	30	18	8	-	-
50	R1H - R5H	HP4	RSL50H15	31	18	8	-	-	-
	R5H - R9H	HP4	RSL50H59	72	50	35	23	14	7
	R6H - R10H	HP4	RSL50H60	78	55	39	26	11	-
40	R1H - R4H	HP4	RSL40H14	51	36	25	16	8	-
	R7H - R10H	HP4	RSL40H70	80	80	59	39	23	11
30	R1H - R3H	HP4	RSL30H13	80	63	48	37	28	20
	R8H - R10H	HP4	RSL30H80	80	80	74	53	37	24
20	R1H - R2H	HP4	RSL20H12	80	80	80	75	61	48
	R9H - R10H	HP4	RSL20H90	80	80	80	69	52	39

The tabulated allowable effuctive projected areas (EPA) are limited to a maximum recommended value of 80 (ft^2). EPA values shown in the table are in addition to the specified high performance dish. EPA values shown as " - "indicate tower kit is not applicable for the corresponding wind speed.

HEAVY TUBE BRACING
DISH LOADING



RSL TOWER DESIGN LOADING ACCORDING TO ANSI/TIA-222-G

STRUCTURE CLASSIFICATION = II
EXPOSURE CATEGORY = C
TOPOGRAPHIC CATEGORY = 1
3-SECOND GUST WIND SPEED WITH ICE = 40 MPH
DESIGN ICE THICKNESS = 1.0"
EARTHQUAKE SPECTRAL RESPONSE ACCELERATION, Ss = 2.50 RSL - D06 RO

HEIGHT (FT)	SECTIONS	HIGH PERFORMANCE DISH LOCATED 10 FT BELOW TOWER TOP	TOWER KIT P/N	ALLOWABLE EFFECTIVE PROJECTED AREA (FT²) 3-SECOND GUST WIND SPEED WITHOUT ICE (MPH)					
				90	100	110	120	130	140
90	RA2H - RA10H	HP2*	RSL90AH20	0	-	-	-	-	-
80	RA1H - RA8H	HP2*	RSL80AH18	0	-	-	-	-	-
	RA2H - RA9H	HP2	RSL80AH29	12	-	-	-	-	-
	RA3H - RA10H	HP4	RSL80AH30	6	-	-	-	-	-
70	RA1H - RA7H	HP2	RSL70AH17	6	-	-	-	-	-
	RA2H - RA8H	HP2	RSL70AH28	17	5	-	-	-	-
	RA3H - RA9H	HP2	RSL70AH39	28	14	4	-	-	-
	RA4H - RA10H	HP4	RSL70AH40	21	8	-	-	-	-
60	RA1H - RA6H	HP2	RSL60AH16	20	10	-	-	-	-
	RA4H - RA9H	HP4	RSL60AH49	39	22	10	-	-	-
	RA5H - RA10H	HP4	RSL60AH50	43	26	13	-	-	-
50	RA1H - RA5H	HP4	RSL50AH15	29	15	4	-	-	-
	RA5H - RA9H	HP4	RSL50AH59	68	46	31	20	10	-
	RA6H - RA10H	HP4	RSL50AH60	74	50	34	22	12	5
40	RA1H - RA4H	HP4	RSL40AH14	50	34	22	13	6	-
	RA7H - RA10H	HP4	RSL40AH70	80	80	67	50	37	27
30	RA1H - RA3H	HP4	RSL30AH13	80	62	47	35	27	20
	RA8H - RA10H	HP4	RSL30AH80	80	80	80	80	68	49
20	RA1H - RA2H	HP4	RSL20AH12	80	80	80	74	60	47
	RA9H - RA10H	HP4	RSL20AH90	80	80	80	80	80	67

The tabulated allowable effuctive projected areas (EPA) are limited to a maximum recommended value of 80 (ft^2). EPA values shown in the table are in addition to the specified high performance dish. EPA values shown as " - "indicate tower kit is not applicable for the corresponding wind speed.

HEAVY ANGLE BRACING
DISH LOADING

TELESCOPING MASTS
FOR USE IN GUYED OR BRACKETED INSTALLATIONS

ROHN Telescoping Masts are available in 20′, 30′, 33′, 40′ and 50′ nominal heights. All are pre-galvanized for corrosion protection 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.

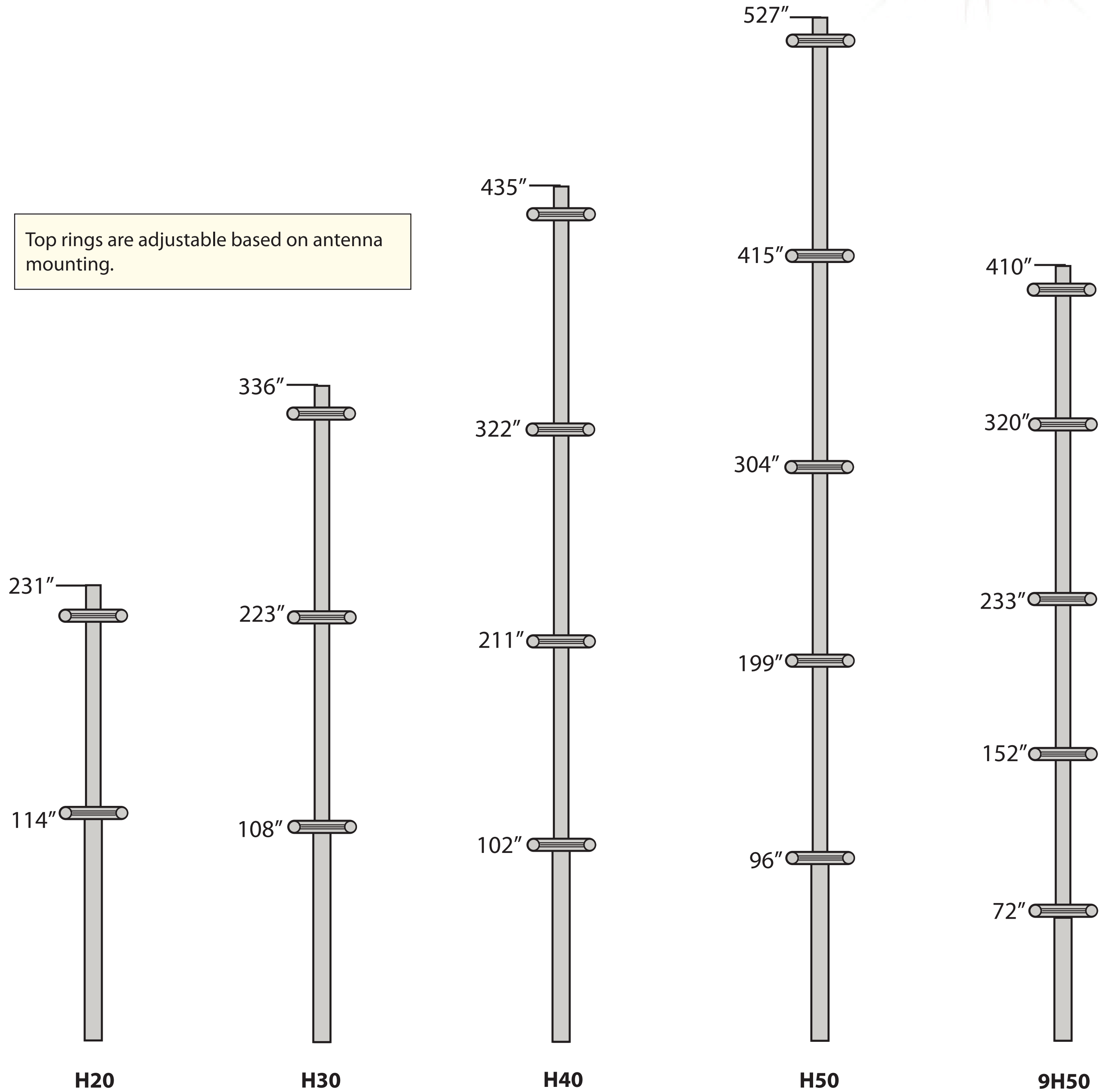
Part No.	Wt.	O.D. Bottom	O.D. Top	Shipping Length
H20	17 lbs.	1 1/2″	1 1/4″	123″
H30	27 lbs.	1 3/4″	1 1/4″	123″
H40	36 lbs.	2″	1 1/4″	123″
H50	46 lbs.	2 1/4″	1 1/4″	123″
9H50*	34 lbs.	2 1/4″	1 1/4″	99″

*9H50 is UPS shippable.

Note:
Guys, guy hardware, anchors and base mount must be ordered separately. Refer to pages 245-248 for standard kits and page 249 for individual components.

TELESCOPING MASTS
H20 | H30 | H40 | H50 | 9H50

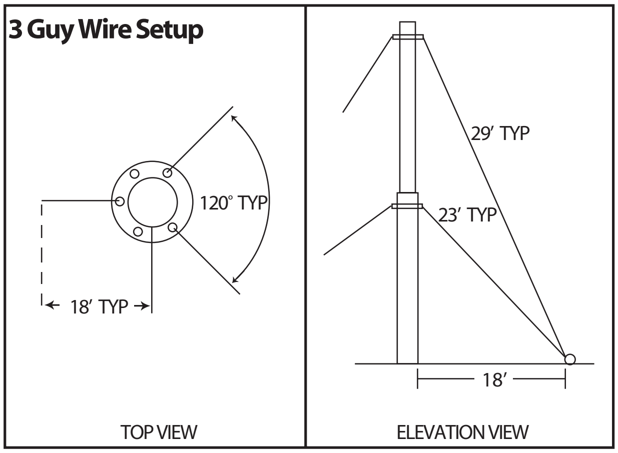
NEW PRODUCT 9H50
UPS Shippable!



INSTALLATION GUIDELINES

All Telescoping Mast kits include guys, connection hardware, anchors and ground mount. Mast must be ordered separately.

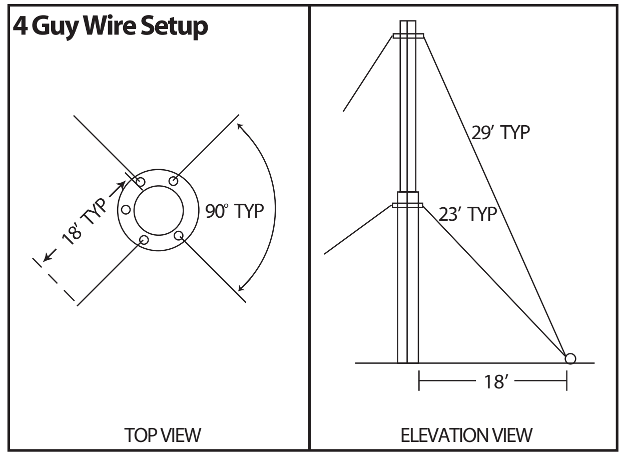
H20 GUY KIT



H203WAYGUY

Actual Wire Required - 200'

1	618	1000' - 6 Strand/18 GA Wire
3	GAS4303	1/2" x 30" Screw Anchor
12	61820GRPL	618/620 Gripple
1	GTMBL	Ground Mount

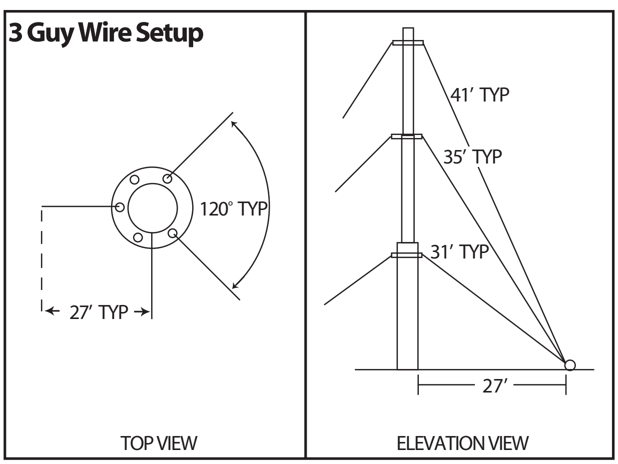


H204WAYGUY

Actual Wire Required - 250'

1	618	1000' - 6 Strand/18 GA Wire
4	GAS4303	1/2" x 30" Screw Anchor
16	61820GRPL	618/620 Gripple
1	GTMBL	Ground Mount

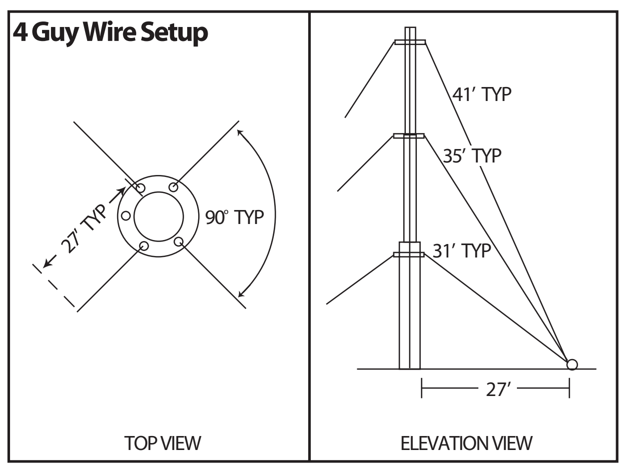
H30 GUY KIT



H303WAYGUY

Actual Wire Required - 350'

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



H304WAYGUY

Actual Wire Required - 450'

1	618	1000' - 6 Strand/18 GA Wire
4	GAS4303	1/2" x 30" Screw Anchor
24	61820GRPL	618/620 Gripple
1	GTMBL	Ground Mount