## **GUYED TOWERS**



### STANDARD 55G GUYED TOWER









The 55G lends itself to a wide variety of uses, particularly where unusual wind loading and height requirements exist. The 55G was designed to provide excellent strength in heights up to 400'.

#### **FEATURES**

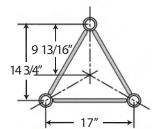
- Completely hot-dip galvanized after fabrication
- Built on a 17" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

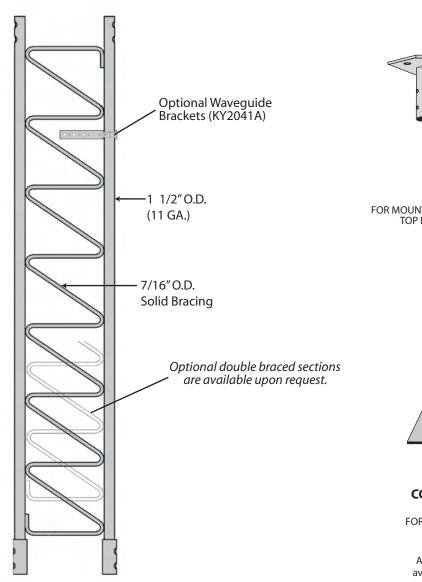
Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 116 for ordering information.

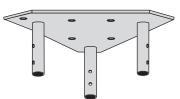
## STANDARD 55G GUYED TOWER SECTIONS



#### **QUICK REFERENCE**

PARTS & ACCESSORIES PAGES 115-116
GROUNDING INFORMATION PAGES 117-120

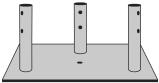




#### TOP PLATE

APL55G

FOR MOUNTING BEACON OR LIGHTNING ROD.
TOP PLATE BOLTS TO THE TOP OF
A STANDARD SECTION.



#### **CONCRETE BASE PLATE**

BPC55G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

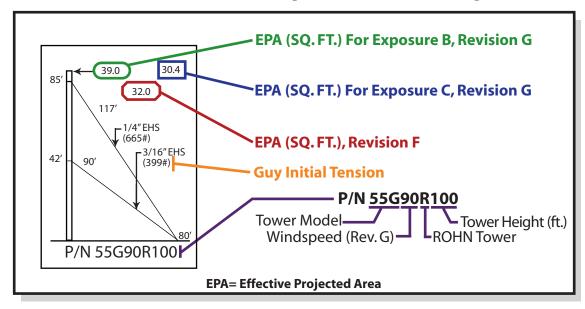
Additional base sections are available, please see page 115.

**STANDARD SECTION 55G** - 10' Section

<sup>\*</sup> Towers mounted on these bases must be bracketed or guyed at all times. Temporary steel guying may also be necessary during installation and dismantling.

## BUYERS GUIDE STANDARD DESIGNS - 55G 90MPH REV. G [3 SECOND GUST] 70MPH REV. F [FASTEST MILE]

**Design Criteria** 



This document is to serve as a guide for sizing and purchasing the 55G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 1/2" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

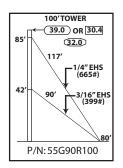
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK2GGX) are included with the tower material.
- $5. \, Assembly \, drawings \, and \, a \, safety \, package \, (P/N: ACWS) \, are \, included \, with \, each \, tower.$
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 117-120. FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.

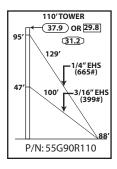






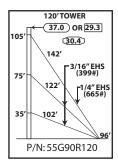
TOWER PARTS	55G	BP	C55G	,	APL55G	GA55G	D		DNS ANCHOR	R	
INCLUDED	10		1		1	2	(	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	
INCLUDED	300'	375'	6		6	6		6	6		
ANCHORS & GROUNDING	GAC3455T0	OP AG	(1GGX	В	GK2GGX	CPC.5/.	.75	TBS	AFETY	3/4	x12PP
INCLUDED	3		1		3	3			3		1

100' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G90R100



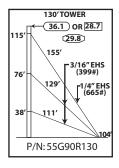
TOWER PARTS	55G	BP	C55G	APL55G	GA55G		-DNS ANCHO	R	
INCLUDED	11		1	1	2	CB10	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	BG2144	5/16THH	3/8THF	1/2TBI	E&J	
INCLUDED	325'	425'	6	6	6	6	6		
	GAC3455T	OP AGK	1GGX	BGK2GG>	CPC.5/.	75 TBS	SAFETY	3/4>	<12PP
GROUNDING INCLUDED	3		1	3	3		3		1

# 110' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R110



TOWER PARTS	55G	BP	C55G		APL55G	GA55G	D		DNS ANCHOR	₹	
INCLUDED	12		1		1	3	(	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	725'	475'	12		6	12		6	9		
	GAC3455T	OP AGK	(1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

# 120' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R120



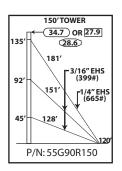
										_	
TOWER PARTS	55G	BF	BPC55G		APL55G	GA55G	D		ONS ANCHOR	R	
INCLUDED	13		1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EH	S BG214	12	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
INCLUDED	775'	500'	12		6	12		6	9		
	GAC3455T0	OP AG	K1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4>	<12PP
GROUNDING INCLUDED	3		1		3	3			3		1

130' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G90R130

1	140'TOWER									
125	35.4 OR 28.3									
125	29.0									
	168′									
83'	☐ 3/16″ EHS (399#)									
°°										
	139' <sub>(665#)</sub>									
	(603#)									
41′	119'									
	<u> </u>									
	112′									
1 6	P/N:55G90R140									
L '	/11.5505011140									

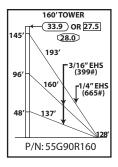
TOWER PARTS	55G	BPO	C55G	C55G APL55G GA55GD		)	DNS ANCHOR	R
INCLUDED	14		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TBE	:&J
INCLUDED	825'	550'	12	6	12	6	9	
	GAC3455T0	OP AGK	1GGX	BGK2GGX	CPC.5/.	75 TBS	AFETY	3/4x12PP
GROUNDING INCLUDED	3		1	3	3		3	1

140' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R140

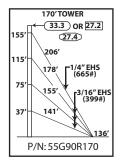


TOWER PARTS	55G	BPG	C55G	APL55G	GA55G	D		DNS ANCHOR	2	1	50' ROHN 55G
INCLUDED	15		1	1	3	(	CB2G	AB2			all parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8	ВТНН	1/2TBE	&J		when ordering
INCLUDED	900'	600'	12	6	12		6	9		F 6	111 NO. 33G90K130
	GAC3455TO	AGK	1GGX	BGK2GGX	CPC.5/.	75	TBS	AFETY	3/4	1x12PP	
GROUNDING INCLUDED	3		1	3	3			3		1	

## 60' ROHN 55G All parts shown in able are included when ordering

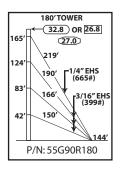


TOWER PARTS	55G	BP	C55G	APL55G	GA55G	D		ONS ANCHOF	2	1	160' ROHN 55G
INCLUDED	16		1	1	3	(	CB2G	AB2			All parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8	зтнн	1/2TBE	&J		when ordering
INCLUDED	950'	625'	12	6	12		6	9		۲	Part No: 55G90R160
	GAC3455TO	PAGK	1GGX	BGK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP	
GROUNDING INCLUDED	3		1	3	3			3		1	



TOWER PARTS	55G	BP	C55G	A	APL55G	GA55GI	D		ONS ANCHOR	2	
INCLUDED	17		1		1	4	(	CB2G	AB2		<b>17</b> Al
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	tal '
INCLUDED	1525'	675'	18		6	18		6	12		Par
ANCHORS &	GAC3455TC	DP AGK	(1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

#### 0' ROHN 55G parts shown in le are included when ordering t No: 55G90R170

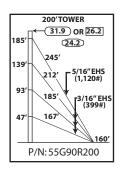


TOWER PARTS	55G	BP	C55G	APL55G	GA55G	D BA		DNS ANCHOR		
INCLUDED	18		1	1	4	СВ	32G	AB2		BO'ROHN 55G I parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8TI	ΉΗ	1/2TBE	&.J	ble are included when ordering
INCLUDED	1625'	700'	18	6	18	6	3	12	Pa	rt No: 55G90R180
ANCHORS &	GAC3455TC	PAGK	1GGX	BGK2GGX	CPC.5/.	75 TI	BSA	AFETY	3/4x12PP	
GROUNDING INCLUDED	3		1	3	3			3	1	

175′	190'TOWER (32.4) OR 26.5 (26.6)
131′- 87′-	232' 201' \(\begin{array}{c} 55/16"EHS \\ (1,120#) \end{array}
43'	175' 3/16" EHS (399#)
	152' P/N:55G90R190

TOWER PARTS	55G	ВР	C55G	APL55G	GA550	GD :		DNS ANCHOR	1	10	0' ROHN 55G	
INCLUDED	19		1	1	4	4		AB3		All parts shown in table are included		
GUYS & CONNECTIONS	3/16EHS	42265	BG2142	BG2146	5/16THH	7/1	6THH	5/8TBE	E&J	V	vhen ordering	
INCLUDED	1700'	750'	18	6	18		6	12		Par	t No: 55G90R190	
ANCHORS &	GAC5655TC	P AG	(1GGX	BGK2GG	X CPC1/	1.25	TBSA	FETY	3/4	x12PP		
GROUNDING INCLUDED	3		1	3	3		;	3		1		





TOWER PARTS	55G		BP	C55G		APL55G		GA55G	D		DNS ANCHOF	2	
INCLUDED	20	20		1		1		4		CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	14	2265	BG214	2	BG2146	5/	/16THH	7/1	6THH	5/8TBE	E&J	
INCLUDED	1800'	8	00'	18		6		18		6	12		
ANCHORS &	GAC5655TC	ЭP	AGK	1GGX	Е	3GK2GG	<	CPC1/1	.25	TBSA	FETY	3/4	x12PP
GROUNDING INCLUDED	3			1		3		3			3		1

#### 200' ROHN 55G

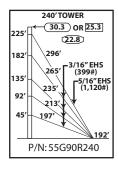
All parts shown in table are included when ordering Part No: 55G90R200

205'- 164'- 123'- 82'- 41'-	220'TOWER  31.1 OR 25.7  23.4  270'  241' \[ 73/16" EHS \\ (399#) \]  215' \[ 5/16" EHS \\ (1,120#) \]  181'
	176' P/N: 55G90R220

TOWER PARTS	55G	BPC	C55G	,	APL55G	GA55G	D		DNS ANCHOI	3	
INCLUDED	22		1		1	5		CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	142265	BG214	42	BG2146	5/16THH	7/1	6THH	3/4TBI	Ē&J	
INCLUDED	2650'	875'	24		6	24		6	15		
ANCHORS &	GAC5755TC	DP AGK	1GGX	В	GK2GGX	CPC1.5	5/2	TBSA	AFETY	3/4	<12PP
GROUNDING INCLUDED	3		1		3	3		3			1

#### 220' ROHN 55G

All parts shown in table are included when ordering Part No: 55G90R220



TOWER PARTS	55G	ВІ	PC55G		APL55G	GA55G	D		DNS ANCHO	R	
INCLUDED	24		1		1	5	CB3G		AB3		
GUYS & CONNECTIONS	3/16EHS	14226	5 BG214	12	BG2146	5/16THH	7/1	6ТНН	3/4TBI	E&J	
INCLUDED	2900'	950'	24		6	24		6	15		
	GAC5755TC	OP AG	K1GGX	В	GK2GGX	CPC1.5	5/2	TBSA	FETY	3/4x	12PP
GROUNDING INCLUDED	3		1		3	3		3			1

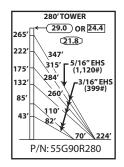
#### 240' ROHN 55G

All parts shown in table are included when ordering Part No: 55G90R240

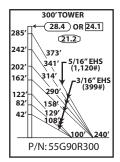
	260'TOWER
245′	29.6 OR 24.8 22.2
202′	321' 290' F 5/16" EHS
162′	(1,120#)
122′	241' \ \( \) (399#)
82'	104
42′	77'
l ⊥	64' 208'
I	P/N: 55G90R260

TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	26	1	1	6	CB3G	AB2	AB3			
	3/16EHS	142265	BG2142	BG2146	5/1	6THH		260' ROHN 55G		
GUYS & CONNECTIONS	3125'	1025'	30	6		30		All parts shown in table are included		
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC	C1/1.25		when ordering Part No: 55G90R260		
	6	6	12	3		3	'			
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBS	AFETY	3/4x12P	P		
INCLUDED	3	3	2	3		6	1			

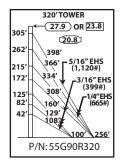




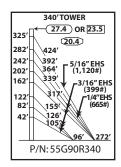
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	28	1	1	6	CB4G	AB2	AB3	
	3/16EHS	142265	BG2142	BG2146	5/16	THH	_	280' ROHN 55G
GUYS & CONNECTIONS	3350	1125'	30	6	30			All parts shown in table are included
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC <sup>-</sup>	1/1.25	F	when ordering Part No: 55G90R280
	6	6	12	3		3		_
ANCHORS & C GROUNDING INCLUDED	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBSA	FETY	3/4x12PI	P
	3	3	2	3		6	1	



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	30	1	1	7	CB4G	AB2	AB3			
	3/16EHS	142265	BG2142	BG2146	5/16	STHH		300' ROHN 55G		
GUYS & CONNECTIONS	4275'	1200'	36	6	3	36		All parts shown in		
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC	1/1.25		table are included when ordering		
	6	9	12	3		3	F	Part No: 55G90R300		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBSA	FETY	3/4x12Pl	P		
INCLUDED	3	3	2	3		6	1			

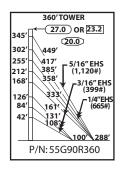


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE INNER ANCHOR	OUTER RANCHOR		
INCLUDED	32	1	1	7	CB4G AB2	AB3		
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	320' ROHN 55G	
GUYS & CONNECTIONS	2250'	2250'	1275'	24	12	6	All parts shown in table are included	
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY	when ordering Part No: 55G90R320	
	24	12	6	9	12	6	- Ture No. 33 d 3 d N 3 2 d	
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC1/1.25	3/4x12PP	
INCLUDED	3	3	2	3	3	3	1	

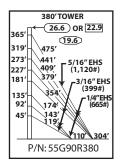


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE INNER	OUTER R ANCHOR		
INCLUDED	34	1	1	8	CB4G AB2	AB3		
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	340' ROHN 55G	
GUYS & CONNECTIONS	3325'	2425'	1350'	30	12 6		All parts shown in table are included	
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY	when ordering Part No: 55G90R340	
	30	12	6	9	15	6		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC1/1.25	3/4x12PP	
INCLUDED	3	3	2	3	3	3	1	

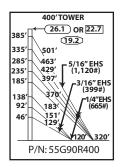
## STANDARD DESIGN - 55G 90MPH REV.G, 70MPH REV. F



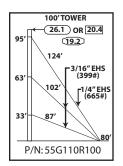
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	36	1	1	8	2	CB5G	AB2	AB4	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146	360′ F	ROHN 55G
GUYS & CONNECTIONS	3475'	2575'	1450'	30	12		6	All parts shown in table are included	
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBS	AFETY		ordering : 55G90R360
	30	12	6	9	15		6	1 411 110	. 3347011300
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC	1/1.25		
INCLUDED	3	3	2	3	3		3		



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOF	OUTER ANCHOR		
INCLUDED	38	1	1	8	2	CB5G	AB2	AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146	380′ R	OHN 55G	
GUYS & CONNECTIONS	3175'	3275'	1525'	24	18	6		All parts shown in table are included		
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		when ordering Part No: 55G90R380		
	24	18	6	9	15		6	rait No.	_	
ANCHORS &	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC	1/1.25	3/4x12PF	o e e e e e e e e e e e e e e e e e e e	
GROUNDING INCLUDED	3	3	2	3	3		3	1		

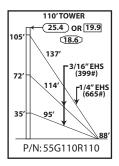


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOF	OUTER ANCHOR		
INCLUDED	40	1	1	8	2	CB5G	AB2	AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2	2146	400′ R	OHN 55G	
GUYS & CONNECTIONS	2075'	4700'	1600'	18	24	6		All parts shown in table are included		
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY				
	18	24	6	9	15		6	Part NO:	_	
ANCHORS &	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC′	1/1.25	3/4x12PF	•	
GROUNDING INCLUDED	3	3	2	3	3	3	3	1		



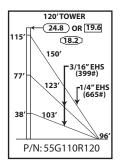
TOWER PARTS	55G	BP	BPC55G		APL55G	GA55GI		FDNS BASE ANCHOR		
INCLUDED	10		1		1	3	CB1	G AB2		•
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8TH	1/2TBE	E&J	
INCLUDED	600'	400'	12		6	12	6	6 9		Р
ANCHORS & GROUNDING	GAC3455T0	OP AGK	1GGX	В	GK2GGX	CPC.5/.	75 TB	SAFETY	3/4	x12PP
INCLUDED	3		1		3	3		3		1

100' ROHN 55G
All parts shown in table are included when ordering
Part No: 55G110R100



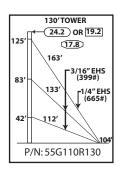
TOWER PARTS	55G BP		C55G A		APL55G	GA55GD		FDNS BASE ANCHOR		R	
INCLUDED	11		1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12 I	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
INCLUDED	675'	450'	12		6	12		6	9		ı
ANCHORS &	GAC3455T0	OP AGK	1GGX	ВС	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
GROUNDING INCLUDED			1		3	3			3		1

110' ROHN 55G
All parts shown in table are included when ordering
Part No: 55G110R110



TOWER PARTS	55G	BP0	C55G		APL55G	GA55G	D	BASE ANCHOR			
INCLUDED	12		1		1	3		B2G		<u> </u>	
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
CONNECTIONS INCLUDED	725'	500'	12		6	12		6	9		ı
ANCHORS &	GAC3455TC	DP AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	k12PP
GROUNDING INCLUDED	3		1		3	3			3		1

120' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R120



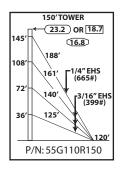
TOWER PARTS	TOWER PARTS INCLUDED 55G		C55G	1	APL55G	GA55G	I )		ONS ANCHOR	2	
INCLUDED			1		1	3		CB2G	AB2		•
GUYS & CONNECTIONS	3/16EHS	I/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	800'	525'	12		6	12	6		9		Р
ANCHORS & GROUNDING	GAC3455TC	P AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
INCLUDED	3		1		3	3			3		1

130' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R130

Г,	140′TOWER → (23.6) OR [18.9]
135′	(17.2)
101′	175' 151' \(\Gamma_{665#}\)
67′	131' 3/16" EHS (399#)
34′	117'
P	/N:55G110R140

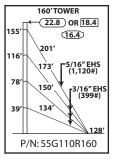
_											_	
	TOWER PARTS	55G	BP	BPC55G		APL55G	GA55GD		FDNS BASE ANCHOR		R	
	INCLUDED	14		1		1	4		CB2G	AB2		
	GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	
	INCLUDED	1275'	575'	18		6	18		6	12		ı
	ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
	GROUNDING INCLUDED	3		1	3		3		3			1

140' ROHN 55G All parts shown in table are included when ordering Part No: 55G110R140



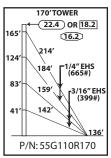
							_			-	
TOWER PARTS	55G	BF	C55G	F	APL55G	GA55G	D		DNS ANCHOF	R	
INCLUDED	15		1		1	4		CB2G	AB3		,
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	5/8TBE	<b>&amp;</b> J	
INCLUDED	1375'	600'	18		6	18		6	12		Р
ANCHORS &	GAC5655TC	DP AGI	<1GGX	В	GK2GGX	CPC1/1.	.25	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED 3			1		3	3		3			1

## 150' ROHN 55G All parts shown in table are included when ordering Part No: 55G110R150



TOWER PARTS	55G	BPO	C55G	A	PL55G	GA55GD			FDNS BASE ANCHOR		
INCLUDED	16		1		1	4		CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	142265	BG214	12 E	3G2146	5/16THH	7/1	6THH	5/8TBI	E&J	
INCLUDED	1475'	650'	18		6	18		6	12		F
ANCHORS & GROUNDING	GAC5655TC	OP AGK	1GGX	BG	K2GGX	CPC1/1	.25	TBS	AFETY	3/4x	12PP
INCLUDED	3		1		3	3			3		1

160' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R160



	55G	BP	BPC55G		NPL55G	GA55GD		FDNS			
TOWER PARTS	000			<u>_</u>				BASE	ANCHOR	2	
INCLUDED	17		1		1	4	(	CB2G	AB3		
GUYS &	3/16EHS	1/4EHS	BG214	12 I	BG2144	5/16THH	3/8	THH	5/8TBE	<b>&amp;</b> J	İ
INCLUDED	NNECTIONS NCLUDED 975'		12		12	12		12	12		
ANCHORS & GROUNDING INCLUDED	GAC5655TC	OP AGK	1GGX	ВС	GK2GGX	CPC1/1.	25	TBS	AFETY	3/4	<12PP
	3		1		3	3			3		1

#### 170' ROHN 55G All parts shown in

All parts shown in table are included when ordering Part No: 55G110R170

175′	180'TOWER (22.0) OR (15.8)	18.0
142′	227′	"EHS
105′	202' (39	99#) /4" EHS (665#)
72′	161′	(00511)
35′	148'	1
		144′
P	P/N: 55G110F	R180

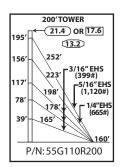
TOWER PARTS	55G		BPC55G			APL55G	GA55G	D		ONS ANCHOR	2		
INCLUDED	18		1		1		5		CB3G	AB3			1
GUYS &	3/16EHS	1/4	EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	5/8TBE	&J	t	t
CONNECTIONS INCLUDED	1550'	1	375'	18		12	18		12	15		P	а
ANCHORS &	GAC5655T0	ЭP	AGK	1GGX	В	GK2GGX	CPC1/1	.25	TBS	AFETY	3/4	x12PP	
GROUNDING INCLUDED	3			1		3	3		3		1		

180' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R180

	190'TOWER
185′	21.7 OR 17.8 15.6
148′	239′
111′- 74′-	73/16" EHS (399#) 75/16" EHS (1,120#) 169' 71/4"EHS
37′-	169' 1/4"EHS (665#)
P	/N:55G110R190

TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR	R
INCLUDED	19	1	1	5	CB3G AB3	] ,
	3/16EHS	1/4EHS	142265	BG2142	BG2144	
GUYS & CONNECTIONS	1650'	675'	775'	18	6	Pa
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J	_ P
	6	18	6	6	15	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	3/4x12PP
INCLUDED	3	1	3	3	3	1

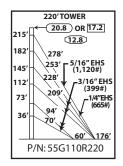
table are included when ordering Part No: 55G110R190



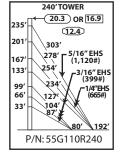
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR		
INCLUDED	20	1	1	5	CB3G		
	3/16EHS	1/4EHS	142265	BG2142	BG2144		
GUYS & CONNECTIONS	1750'	725'	825'	18	6		
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J		
	6	18	6	6		15	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PP
INCLUDED	3	1	3	3		3	1

#### 200' ROHN 55G All parts shown in table are included

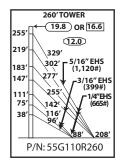
table are included when ordering Part No: 55G110R200



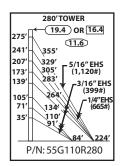
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR				
INCLUDED	22	1	1	6	CB4G	AB2	AB3				
	3/16EHS	1/4EHS	142265	BG2142	ВС	92144	BG214	46	220' ROHN 55G		
GUYS & CONNECTIONS	1925'	825'	900'	24		6	6		All parts shown in table are included		
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	/8TBE&J TBSAFETY		when ordering Part No: 55G110R220			
	24	6	6	6		12	6				
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CP	C.5/.75	CPC1/1	.25	3/4x12PP		
INCLUDED	3	3	2	3		3	3		1		



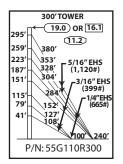
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR		
INCLUDED	24	1	1	7	CB4G	AB2	AB3		
	3/16EHS	1/4EHS	142265	BG2142	ВС	32144	BG2146	240′ RC	)HN 55G
GUYS & CONNECTIONS	1775'	1700'	975'	24		12 6			shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	I Y	ordering 5G110R240
	24	12	6	9		12	6		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPO	0.5/.75	CPC1/1.2	25 3/4x12PP	
INCLUDED	3	3	2	3		3	3	1	



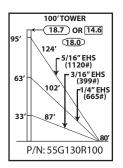
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR				
INCLUDED	26	1	1	7	CB5G	AB2	AB3				
	3/16EHS	1/4EHS	142265	BG2142	BG	2144	BG214	46	260' ROHN 55		
GUYS & CONNECTIONS	1500'	2300'	1050'	18		18 6			All parts shown in table are included		
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8T	TBE&J TBSAFETY		TY	when ordering Part No: 55G110R260		
	18	18	6	9	1	12	6				
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC	C.5/.75	CPC1/1	.25	3/4x12PP		
INCLUDED	3	3	2	3		3	3		1		



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR		
INCLUDED	28	1	1	8	CB5G	AB2	AB4		
	3/16EHS	EHS 1/4EHS 1		BG2142	BG	2144	BG2146	280' RC	)HN 55G
GUYS & CONNECTIONS	2825'	2025'	1150'	30		12			shown in in in
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/87	ГВЕ&Ј	TBSAFET		ordering 5G110R280
	30	12	6	9		15	6		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC	C.5/.75	CPC1/1.2	5 3/4x12PP	
INCLUDED	3	3	2	3		3	3	1	



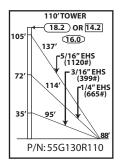
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	30	1	1	8	CB5G	AB2	AB4			
	3/16EHS	1/4EHS	142265	BG2142	ВС	92144	BG214	-6	300' RC	HN 55G
GUYS & CONNECTIONS	1675'	2500'	2350'	18		18	12		All parts table are	shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	TY		ordering 5G110R300
	18	18	12	9		15	6			
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CP	C.5/.75	CPC1/1.	.25	3/4x12PP	
INCLUDED	3	3	2	3		3	3		1	



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR	
INCLUDED	10	1	1	3 (	CB2G AB2	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	
GUYS & CONNECTIONS	300'	325'	400'	6	6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J
	6	6	6	6	6	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75	TBSAFETY	3/4x12PP
INCLUDED	3	1	3	3	3	1

#### 100' ROHN 55G

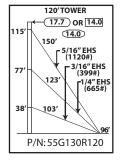
All parts shown in table are included when ordering Part No: 55G130R100



TOWER PARTS	55G	BPC55G	APL55G	GA55GD		DNS ANCHOR	
INCLUDED	11	1	1	3 (	CB2G	AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG	G2144	
GUYS & CONNECTIONS	325'	375'	450'	6		6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/87	ГВЕ&Ј	
	6	6	6	6		9	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PF
INCLUDED	3	1	3	3		3	1

#### 110' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R110



	550	DDCEEC	4 DL 550	CAFFOR	F	DNS	
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	ANCHOR	
INCLUDED	12	1	1	3	CB2G	AB3	
	3/16EHS	1/4EHS	142265	BG2142	ВС	92144	
GUYS & CONNECTIONS	350'	400'	500'	6		6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
	6	6	6	6		9	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PP
GROUNDING INCLUDED	3	1	3	3		3	1

#### 120' ROHN 55G

All parts shown in table are included when ordering

Part No: 55G130R120

125′	130'TOWER  17.3 OR 13.8  12.0
83'-	5/16" EHS (1120#) 71/4" EHS (665#)
42'	112'
F	P/N:55G130R130

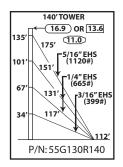
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE ANCH	
INCLUDED	13	1	1	3	CB2G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	800'	525'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY	,	
	12	6	9	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	3/4x1	2PP
INCLUDED	3	1	3	3	1	ı

#### 130' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R130



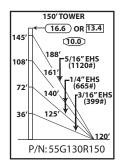




							_
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR		
INCLUDED	14	1	1	4	4 CB3G AB3		
	3/16EHS	1/4EHS	142265	BG2142	BG2144		
GUYS & CONNECTIONS	375'	900'	575'	6		12	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
	6	6	12	6		3	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12F
GROUNDING INCLUDED	3	1	3	3		3	1

#### 140' ROHN 55G

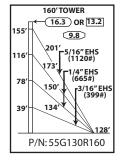
All parts shown in table are included when ordering Part No: 55G130R140



	TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	FDNS BASE ANCHOR	
	INCLUDED	15	1	1	4	CB3G	CB3G AB3	
		3/16EHS	1/4EHS	142265	BG2142	BG2142 BG2144		
	GUYS & CONNECTIONS	400'	975'	600'	6		12	
	INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J		
		6	6	12	6		3	
	ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x1
	INCLUDED	3	1	3	3		3	1

#### 150' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R150



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHO	R
INCLUDED	16	1	1	4	CB3G AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	
GUYS & CONNECTIONS	450'	1050'	650'	6	12	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J	
	6	6	12	6	12	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	3/4x12PP
INCLUDED	3	1	3	3	3	1

#### 160' ROHN 55G

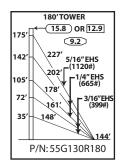
All parts shown in table are included when ordering Part No: 55G130R160

	170'TOWER									
165'	16.0 OR 13.0									
165	9.6									
124′	214′ 5/16″ EHS (1120#)									
83'	1/4″EHS (665#)									
41′	159' 3/16" EHS (399#)									
	136′									
	P/N:55G130R170									

	TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR	
	INCLUDED	17	1	1	4	CB3G AB4	
		3/16EHS	1/4EHS	142265	BG2142	BG2144	
	GUYS & CONNECTIONS	475'	1100'	700'	6	12	
	INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	3/4TBE&J	
		6	6	12	6	12	
	ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	3/4x
	INCLUDED	3	1	3	3	3	

#### 170' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R170



TOWER PARTS	55G	BPC55G	APL55G	GA55GD		ONS ANCHOR		
INCLUDED	18	1	1	5	CB3G	AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG:	2144	180 All	
GUYS & CONNECTIONS	1000'	1225'	725'	12	1	12	table	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	3/4T	BE&J	Part	
	6	12	12	6	1	15		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSA	AFETY	3/4x12PP	
INCLUDED	3	1	3	3		3	1	

### 180' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R180

	190'TOWER
185′	15.5 OR 12.7 9.0
152′-	239' 5/16"EHS (1120#)
115′	215′ –1/4″EHS (665#)
82′	173′
41′	157'
	152'
F	P/N:55G130R190

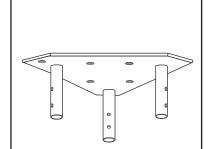
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE AN	
INCLUDED	19	1	1	5	CB4G	AB4
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2350'	775'	24	6		
INCLUDED	3/8THH	7/16THH	3/4TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	3/4x12F	PP
INCLUDED	3	1	3	3	1	

#### 190' ROHN 55G

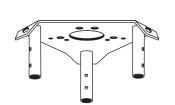
All parts shown in table are included when ordering

Part No: 55G130R190

## PARTS & ACCESSORIES

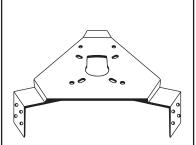


TOP PLATE
APL55G
FOR MOUNTING BEACON OR
LIGHTNING ROD.



BEARING PLATE BPL55G ERTS STANDARD SECTIO

CONVERTS STANDARD SECTION TO A TOP SECTION. HOLE PATTERN FITS TB3 (2" O.D.) AND TB4 (3" O.D.) THRUST BEARING.



ACCESSORY SHELF AS455G

FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.



TOP MOUNT

55TDMKD - NO MAST

55TDM2S3KD - 2 3/8" O.D. MAST

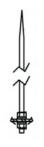
55TDM25S3KD - 2 7/8" O.D. MAST

55TDM3S3KD - 3 1/2" O.D. MAST

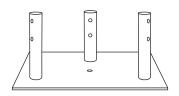
55TDM35S3KD - 4" O.D. MAST

55TDM4S3KD - 4 1/2" O.D. MAST

MOUNTING TUBE PROVIDED IS 7:



**LIGHTNING ROD**LRCL
5' COPPER CLAD, MOUNTS TO APL55G.



#### CONCRETE BASE PLATE BPC55G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

CONCRETE BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### PIER PIN 3/4X12PP

FOR USE WITH BPC55G EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED SEPARATELY, UNLESS BEING PURCHASED AS PART OF A COMPLETE TOWER KIT.



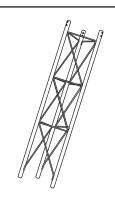
#### **TAPERED BASE\***

55TG - STANDARD

55TGIA - USE WITH A4197L BASE INSULATOR

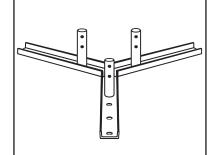
55TGIAA - USE WITH A4722B BASE INSULATOR

INSULATOR AND PIER PIN MUST BE ORDERED SEPARATELY.



**5' SHORT BASE** SB55G

FOR EMBEDMENT IN CONCRETE.



### FLAT ROOF MOUNT

FR55G\*

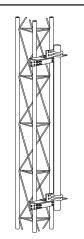
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



#### **SIDE ARM BRACKET**

SA253UA

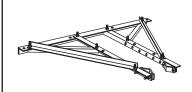
MOUNTING TUBE PROVIDED IS 3'LONG, 2 - 1/4" O.D.



**FACE MOUNT** DM55G2 - 2 3/8" O.D. 5' LONG DM554 - 4 1/2" O.D. 5' LONG

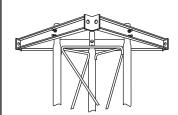
<sup>\*</sup> TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.

## PARTS & ACCESSORIES



#### **HEAVY DUTY UNIVERSAL HOUSE BRACKET**

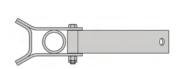
**HBUTVRO** ADJUSTABLE TO POSITION TOWER 18" - 36" FROM WALL.



#### **TORQUE ARM STABILIZER ASSEMBLY**

TA55 ANTI-TWIST DEVICE LOCATED IN THE

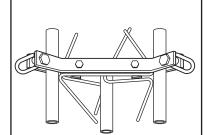
AREA OF ANTENNAS. PROVIDES SIX-WAY **GUYING. BOLTS TO TOWER AT ANY** SECTION JOINT. ATTACHED WITH JOINT BOLTS. MUST BE INSTALLED AS SECTIONS ARE JOINED TOGETHER.



#### **TORQUE BAR**

TB55D

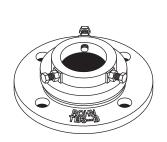
OPTIONAL, FOR USE WITH GA55GD. REQUIRES (1) 3/8" SHACKLE FOR EACH BAR.



#### **GUY BRACKET**

GA55GD

MOUNTS TO TOWER AT ANY HORIZONTAL BRACE.



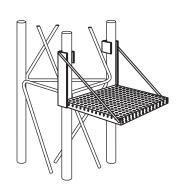
#### **THRUST BEARING**

TB3 - SUPPORTS UP TO 2"O.D. MAST. TB4 - SUPPORTS UP TO 3"O.D. MAST. MOUNTS TO BPL55G.



#### **ANTI-CLIMB PANELS** 455ACL3

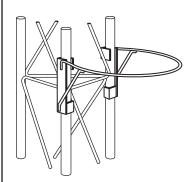
THREE ANTI-CLIMB PANELS BOLT TO STANDARD TOWER SECTION.



#### **WORK PLATFORM**

WP55G

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### **SAFETY RING**

SR55

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



## **CLIMBING HARNESS**

TTFBH-4D JOURNEYMAN HARNESS TTFBH-C/P **PROFESSIONAL HARNESS** 



## SAFETY CABLE SLIDER WITH CARABINEER

TT-WG-500-W/SMC

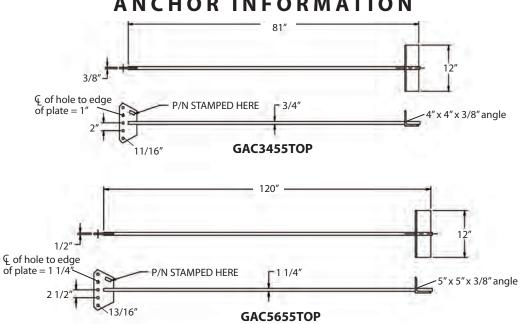
#### SAFETY CABLE SYSTEM **ORDERING INFORMATION**

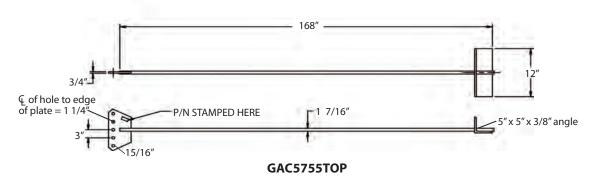
TOWER HEIGHT	PART NUMBER
50′	TT0504555
100′	TT1004555
150′	TT1504555
200'	TT2004555
250'	TT2504555
300'	TT3004555
350'	TT3504555
400'	TT4004555

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.



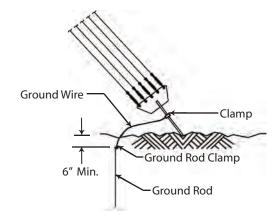
## **ANCHOR INFORMATION**

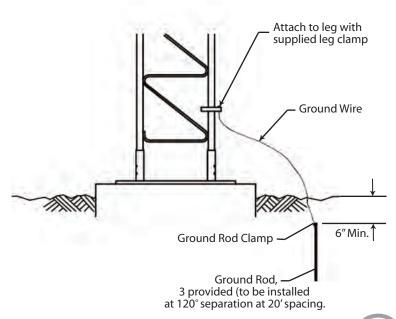




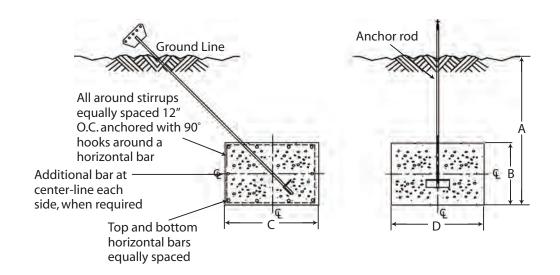








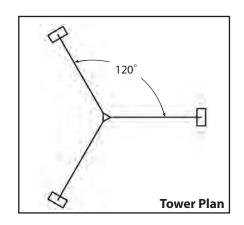
## STANDARD ANCHOR BLOCKS

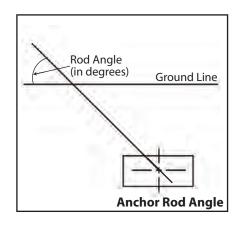


## Refer to page 119 for anchor rod installation angles.

Block	Anchor Dimensions (in.)		ns (in.)	Horizontal Bars	Stirrup Size	Concrete Vol.		
DIOCK	Α	В	C D		(Qty. & Size)	& Spacing	Concrete Vol. (Cu. Yds.)	
AB2	4'-0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.33 Per Block 4.0 Total for 3	
AB3	6'-0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side #3 @ 12" O.0		1.0 Per Block 3.0 Total for 3	
AB4	6' - 0"	1'-6"	4' - 0"	9'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3	
AB5	8'-0"	2'-0"	3'-0"	10'-0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3	
AB6	8'-0"	2'-0"	4'-0"	10' - 0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3	

## ANCHOR ROD INSTALLATION ANGLES





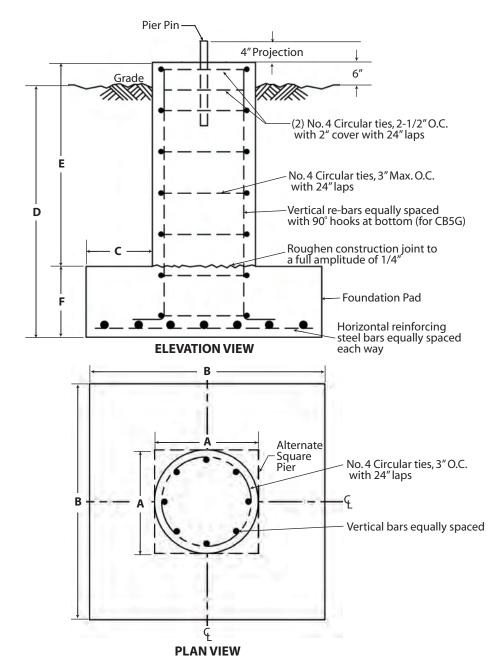
55G   90MPH								
Tower Height			Outer Rod Number	Outer Rod Angle				
100′	GAC3455TOP	42	-	-				
110′	GAC3455TOP	42	-	-				
120′	GAC3455TOP	40	-	-				
130′	GAC3455TOP	40	-	-				
140′	GAC3455TOP	40	-	-				
150′	GAC3455TOP	39	-	-				
160′	GAC3455TOP	39	-	-				
170′	GAC3455TOP	38	-	-				
180′	GAC3455TOP	38	-	-				
190′	GAC5655TOP	40	-	-				
200′	GAC5655TOP	40	-	-				
220′	GAC5755TOP	38	-	-				
240′	GAC5755TOP	37	-	-				
260′	GAC3455TOP	43	GAC5655TOP	42				
280′	GAC3455TOP	42	GAC5655TOP	42				
300′	GAC3455TOP	39	GAC5655TOP	43				
320′	GAC3455TOP	40	GAC5655TOP	43				
340′	GAC3455TOP	40	GAC5655TOP	42				
360′	GAC3455TOP	40	GAC5655TOP	42				
380′	GAC3455TOP	40	GAC5655TOP	42				
400′	GAC3455TOP	38	GAC5655TOP	42				

55G   110MPH								
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle				
100′	GAC3455TOP	41	-	-				
110′	GAC3455TOP	40	-	-				
120′	GAC3455TOP	40	-	-				
130′	GAC3455TOP	40	-	-				
140′	GAC3455TOP	38	-	-				
150′	GAC5655TOP	38	-	-				
160′	GAC5655TOP	39	-	-				
170′	GAC5655TOP	38	-	-				
180′	GAC5655TOP	38	-	-				
190′	GAC5655TOP	38	-	-				
200′	GAC5655TOP	38	-	-				
220′	GAC3455TOP	42	GAC5655TOP	43				
240′	GAC3455TOP	40	GAC5655TOP	44				
260′	GAC3455TOP	41	GAC5655TOP	44				
280′	GAC3455TOP	40	GAC5655TOP	43				
300′	GAC3455TOP	39	GAC5655TOP	43				

55G   130MPH								
Tower	Rod	Rod						
Height	Number	Angle						
100′	GAC3455TOP	41						
110′	GAC5655TOP	40						
120′	GAC5655TOP	40						
130′	GAC5655TOP	40						
140′	GAC5655TOP	40						
150′	GAC5655TOP	40						
160′	GAC5655TOP	40						
170′	GAC5755TOP	38						
180′	GAC5755TOP	38						
190′	GAC5755TOP	37						

## (G)

## STANDARD BASE PIERS



Base	Α	В	С	D	E	F	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)	Horiz. Bars in Pad (No. & Size)
CB1G*	2'-6"	2'-6"	N/A	4'-0"	N/A	N/A	1.0	(8) #7	NONE
CB2G	3'-0"	3'-0"	N/A	4'-0"	N/A	N/A	1.2	(10) #7	NONE
CB3G	3'-6"	3'-6"	N/A	4'-0"	N/A	N/A	1.6	(12) #7	NONE
CB4G	4'-0"	4'-0"	N/A	4'-0"	N/A	N/A	2.1	(12) #8	NONE
CB5G	2'-0"	4'-0"	1'-0"	4'-0"	3'-3"	1'-3"	1.1	(8) #6	(5) #5 (Total of 10)

<sup>\*</sup> Square pier option must be used for CB1G.

