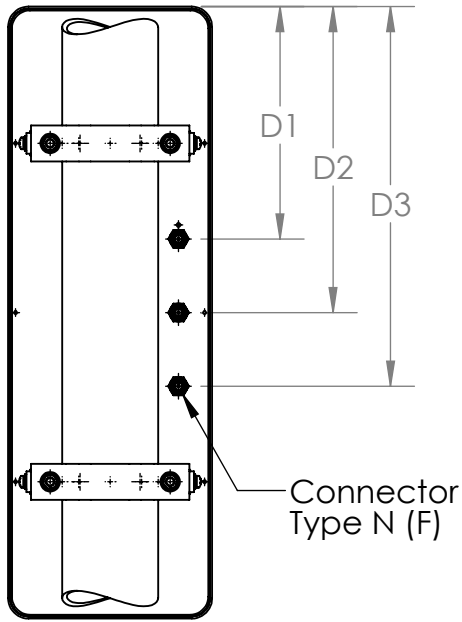
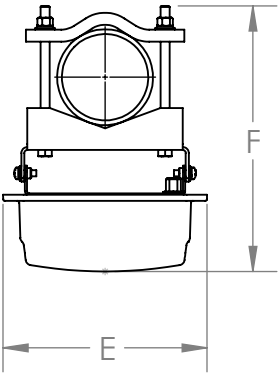


60 Deg. Sector Antennas										
Model Number	Frequency Range (Ghz)	Polorization	Gain (dBi)	Elev. Beam-Width (3dB)	X-Pol Rej. dB	F/B Ratio	VSWR Max	Band Pass Filter	UHF BDC Option	Package Size
SEC17-2V-NLNF	2.0-2.5Ghz	Vertical	17	8	25	>25	1.5:1	No	No	Large
SEC17-2V-FLTR	2.0-2.5Ghz	Vertical	17	8	25	>25	1.5:1	Yes	No	Large
SEC17-2V-FLTR/BDC	2.0-2.5Ghz	Vertical	17	8	25	>25	1.5:1	Yes	Yes	Large
SEC17-3V-NLNF	3.1-3.5Ghz	Vertical	17	8	25	>25	1.5:1	No	No	Large
SEC17-3V-FLTR	3.1-3.5Ghz	Vertical	17	8	25	>25	1.5:1	Yes	No	Large
SEC17-3V-FLTR/BDC	3.1-3.5Ghz	Vertical	17	8	25	>25	1.5:1	Yes	Yes	Large

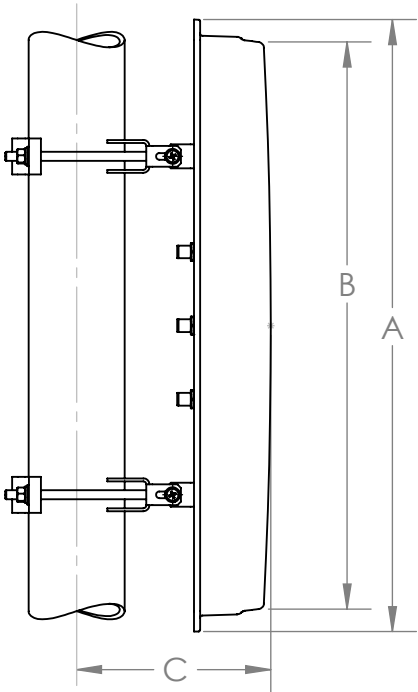
90 Deg. Sector Antennas										
Model Number	Frequency Range (Ghz)	Polorization	Gain (dBi)	Elev. Beam-Width (3dB)	X-Pol Rej. dB	F/B Ratio	VSWR Max	Band Pass Filter	UHF BDC Option	Package Size
SEC13-2V-NLNF	2.0-2.5Ghz	Vertical	13	16	25	>25	1.5:1	No	No	Small
SEC13-2V-FLTR	2.0-2.5Ghz	Vertical	13	16	25	>25	1.5:1	Yes	No	Small
SEC13-2V-FLTR/BDC	2.0-2.5Ghz	Vertical	13	16	25	>25	1.5:1	Yes	Yes	Small
SEC16-2V-NLNF	2.0-2.5Ghz	Vertical	16	8	25	>25	1.5:1	No	No	Large
SEC16-2V-FLTR	2.0-2.5Ghz	Vertical	16	8	25	>25	1.5:1	Yes	No	Large
SEC16-2V-FLTR/BDC	2.0-2.5Ghz	Vertical	16	8	25	>25	1.5:1	Yes	Yes	Large



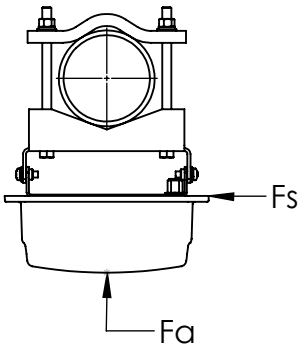
REAR VIEW



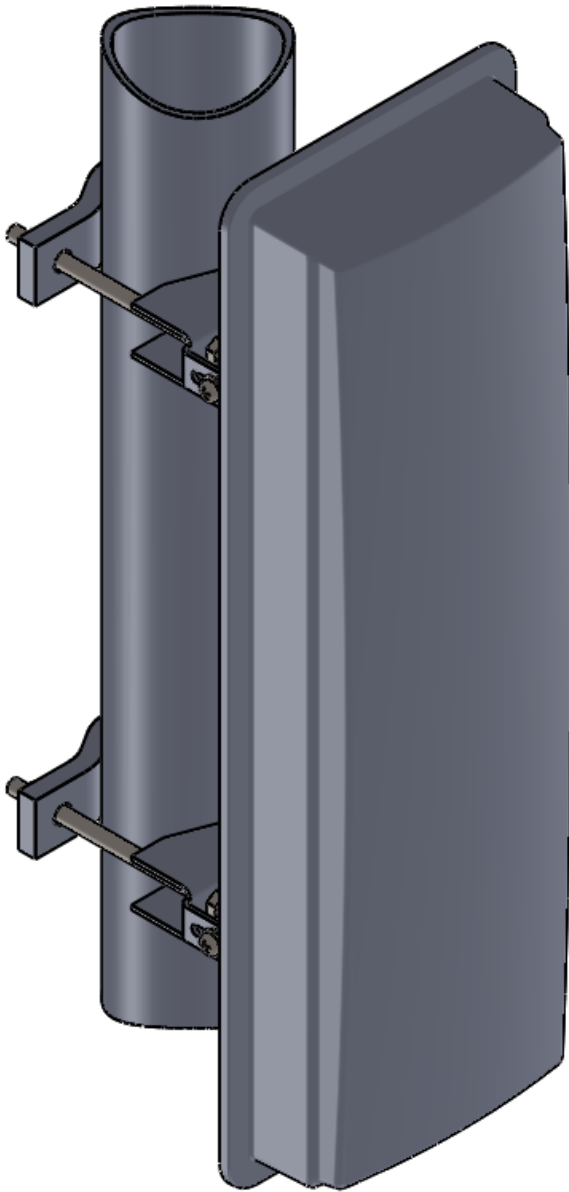
TOP VIEW



SIDE VIEW



WIND LOADING



Key Features

- Low and high gain, multiple beamwidth.
- Lightweight rugged design
- RF connector: Type N (F)
- High isolation
- Can be attached to a 2.0-4.5" dia. pipe mast
- Optional 15 degree uptilt/downtilt kit
- Easily installed with our superior mounting system
- Antenna mount comes preassembled
- Stainless Steel mount is standard.

Wind Loading			
Small / 25.5" Model		Large / 41.5" Model	
Fa Max	85lbs (378N)	Fa Max	139lbs (619N)
Fs Max	32lbs (142N)	Fs Max	48lbs (214N)
Loading applied to tower at survaval windspeed of 125mph (210km/h)			

Size	A	B	C	D1	D2	D3	E	F
Large	25.5(64.8)	23.5(59.7)	7.5(19.1)	-	12.8(32.5)		8.5(21.6)	10.5(26.5)
Small	41.5(105.4)	39.5(100.3)	7.5(19.1)	9.5(24.1)	21.5(54.6)	31.5(80.0)	8.5(21.6)	10.5(26.5)
Dimensions inch(cm)				Mount compatible with 2.0 to 4.5in. dia. pipe mast				

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EASTERN ANTENNA TECHNICAL SERVICES LLC.		
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.015 THREE PLACE DECIMAL ±.005	DRAWN	M.McCARTEN	230410	TITLE: DIVERSITY SECTOR ANTENNA DATA SHEET		
	CHECKED	-	-			
	MECH. ENG.	-	-			
	ELEC. ENG.	-	-			
	MFG.	-	-			
MATERIAL	SEE NOTES			SIZE	DWG. NO.	REV
FINISH	SEE NOTES			B	SECxx-2V-xxxx	-
DO NOT SCALE DRAWING				SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

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