

ECHELON II™

WIND LOADING

Height (FT)	Rail Length	Post Size	Echelon II™ Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
4	6	2-1/2" Square	112	206
		3" Square	213	285
	8	2-1/2" Square	84	178
		3" Square	160	246
5	6	2-1/2" Square	76	170
		3" Square	145	235
	8	2-1/2" Square	57	147
		3" x Square	109	203
6	6	2-1/2" Square	52	141
		3" Square	99	194
	8	2-1/2" Square	40	123
		3" Square	76	171
7	6	2-1/2" Square	38	120
		3" Square	73	166
	8	2-1/2" Square	28	104
		3" Square	55	144
8	6	2-1/2" Square	29	105
		3" x Square	56	145
	8	2-1/2" Square	22	91
		3" Square	42	126
		4" Square	78	172
9	6	4" Square	82	176
10	6	4" Square	66	159

Note: Mph calculated using ANSI/ASCE 7-98, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures" Exposure Category C (open terrain with scattered obstructions having lengths generally less than 30 feet). For wind loading applicable to a particular specification, consult the appropriate Building Code.