Side Struts

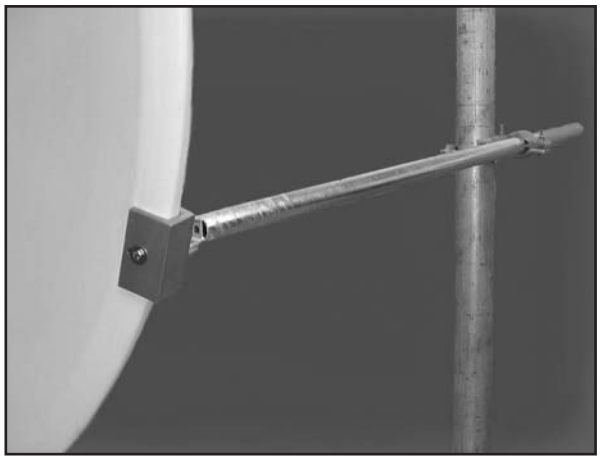
Side Struts are devices which help to increase antenna stability under high wind conditions. Radio Waves manufactures and highly recommends the usage of additional side struts to enhance the wind survival of microwave antennas. Side struts are an economical and efficient way to improve the wind survival rating of Radio Waves high quality microwave antennas. Radio Waves standard parabolic and high performance antennas have a wind survival rating of 125 mphs (201 km/h) in their normal configuration. The SP8, HP6 and HP8 series include one side strut with the standard antenna package to achieve these levels of wind survival.

To achieve a higher wind survival rating please use the appropriate side strut selection table to purchase an additional side strut as noted below:

Antenna Size	Model Number	Wind Survival with extra side strut
SP2, HP2	SST-2/3	175 mph (282 km/h)
SP3, HP3	SST-2/3	155 mph (249 km/h)
SP4, HP4	SST-4/6	155 mph (249 km/h)
SP6, HP6	SST-4/6	155 mph (249 km/h)
SP8, HP8	SST-8	150 mph (241 km/h)

For extreme high wind conditions the Radio Waves SP2 series can be utilized with an RD2 conical radome and an SST-2/3 to achieve a wind survival rating of 200 mph (332 km/h).

For further information or installation recommendations for Side Struts please contact Radio Waves technical support.



Operating Temperature Range for Antennas

Radio Waves antennas are specified to operate over a temperature range of -40°c - + 60°c.