Sabre Site Solutions™
A Division of Sabre Communications Corporation

1800 SRWD Freestanding & Bracketed Towers Series Overview and Tower Profile

The Sabre 1800 SRWD pre-engineered towers have been designed for use in a number of communications applications. Strength and efficient design make this tower the premier all-solid 18-in face structure in the industry.

All towers are designed per ANSI/TIA/EIA-222-F-1996 and are built with 1.25-in or 1.5-in solid round legs and ½ -in solid serpentine bracing. The Sabre 1800 TLWD guyed tower is offered in 5-ft and 10-ft sections and engineered to reach a maximum Freestanding height of 85-ft and Bracketed height of 125-ft. Acceptable antenna loading information can be found within the individual tower profiles.

Tower Profile	
Load Location	Top
Maximum Height	85' Freestanding / 125' Bracketed
Minimum Height	10' Freestanding / 20' Bracketed
Standard 10' Section Weight (lbs.) (Galv.)	199.23 (1.25" leg) / 253.68 (1.50" leg)
Maximum # of Lines on a Face	2- ⅞" Lines per Face (6 - total)
Leg Size	1.25" and 1.50"
Leg Type	Solid Round
Leg Connection	Three Hole Bolted Flange
Bracing Size	½"
Bracing Type	Solid Serpentine
Brace Connection	Welded
Engineering	Pre-Engineered
Climbing Application	Incorporated into Tower Face
Type of Line Support	N/A - Attach directly to bracing members
Sector Mount Compatible	No
Platform Compatible	No
Maximum Sidearm Length	6' Max

Notes:

1. EPA is the actual area "seen by the wind" of an appurtenance (antenna, mount, etc.) multiplied by a force coefficient. It is not necessarily the value published by the appurtenance manufacturer. Please refer to www.tessco.com/go/towers for a further explanation of and some guidelines on how to calculate EPA.
2. ANSI/TIA/EIA-222-F-1996 recommends that designs be evaluated by a registered professional engineer for each specific application.
3. For taller or more heavily loaded guyed towers, please see the Sabre 1800 TLWD series.
4. Custom engineering of the 1200 TLWD series guyed tower is available for non-catalog loading requirements.