



Broadleaf Concealed Solutions

The Larson™ product line from Valmont® Telecom leads the industry with new and improved natural concealment designs. Broadleaf tree designs can be co-locatable, and deliver aesthetically pleasing naturalistic branch canopies. Larson tree designs allow each tenant to position their arrays at any azimuth as well as accommodate larger antenna arrays.

- With unique features like antenna branches and matching antenna “socks,” the antennas are virtually invisible.
- Tree foliage is a realistic representation of naturally occurring foliage and is a mix of two different leaf cluster patterns with in depth details such as insect damage, veins, and texture.
- Elm, Magnolia, and Eucalyptus foliage is made of a UV stabilized polyethylene (PE) plastic to preserve color.
- Trees can be finished with realistic bark, painted brown, or camouflage.

Types of Concealment

- ELM TREE
- MAGNOLIA TREE
- EUCALYPTUS



Larson Ultraflex bark is a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflaged towers. Our bark is:

- Unparalleled in strength, flexibility, and durability by means of extensive laboratory testing, including EMMAQUA-NTW method, environmental freeze/ thaw cycle testing, flexural elongation, and tensile strength testing.
- Tested in temperatures ranging from -50°F to 180°F.
- Painted with multiple colors and washes to create a natural appearance.
- A proprietary blend that is applied wet, directly to the pole and then hand textured and will not peel or delaminate like sheet bark.
- Ensured to have a strong bond between bark and galvanized pole because poles are etched prior to application.



RF-friendly Larson Antenna Socks are vital to camouflage antennas within the canopy of the tree & the addition of Larson Antenna Branches can create complete concealment.

Microwave & RRU Socks & Branches are also available to help all equipment blend into the canopy.

Eucalyptus trees can be designed with a cost effective single main trunk in order to customize their appearance to satisfy jurisdictional requirements.

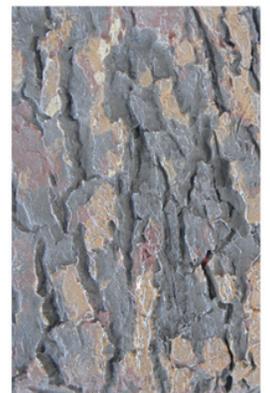
We provide engineering and design expertise as well as a broad understanding of telecom requirements.

Design assistance in Photo Simulations and 3D renderings.

RF friendly materials yield extremely low insertion and return loss properties.



Eucalyptus Bark



Elm/Magnolia Bark



Eucalyptus Foliage



Elm/Magnolia Foliage

TMP8329 07/20