valmont **STRUCTURES**

Palm Tree
Concealed Solutions

Valmont Larson offers a full line of date palms and mexican fan palms as part of our natural camouflaged concealment structures. As with most of our concealment structures, the ability to adapt is part of what we do best. Jurisdictional design challenges can be met with a simple, reliable, monopole-based product. Our RF-friendly materials are tested in a laboratory and in the field.

■ Valmont Larson palm tree models can be designed as either a date palm or mexican fan palm.

■ Date palm frond features:
- 7', 9' and 10' date frond lengths available in two colors to simulate live or dead fronds
- Fabricated from strong but flexible HDPE "leaves" over a high strength fiberglass core.
- Integrally colored and UV-protected for lasting durability
- Designed and tested to withstand 120 MPH winds.

■ Date palm frond safety tethers are available in single or double tether fronds to ensure safety and are designed to provide a second level of security to keep branches attached to the structure in the case of unforeseen breakage.

Types of Concealment

■ DATE PALM

■ MEXICAN FAN PALM

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■ Pineapples or frond balls are available as decorative or functional accessories:
- Functional pineapples can be used to conceal antennas, RRUs, other equipment, or all of the above
- Can be retrofit on existing mono-palm sites for co-location

■ Frond skirts and hoops are available in custom diameters and lengths to fit your specific antenna array.
- Frond hoops are to conceal one carrier
- Frond skirts allow for three or four carrier palm trees
- The skirt is attached to galvanized steel mounting rings engineered to the specific skirt and pole
- Frond hoops and skirts can be used to retrofit to existing sites.

■ Proprietary Porcu-palm Mount ("PPM") system can be used to convert existing plain monopole into a mono-palm, add fronds to an existing mono-palm, or make the mono-palm tower more flexible for future expansion.

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