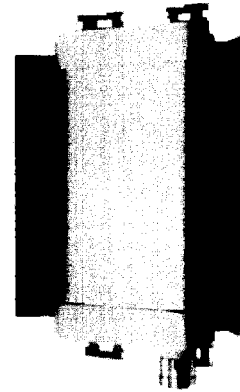


PCS 1900 Planar Antennas (1850 – 1990 MHz) Vertical Linear Polarized Panel For Base Station Applications SPA 1900/65/11/0/V

Electrical properties

Frequency range	1850 – 1990 MHz
Impedance	50 Ω
VSWR	1.3:1
Polarization	linear, vertical
Gain	11.0 dBi
3 dB beamwidth horizontal	65°
3 dB beamwidth vertical	36°
Front-to-back ratio	25 dB
Permitted power on entrance	250 W (CW) at 25°C

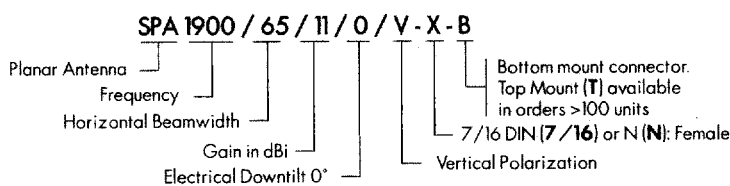


Mechanical properties

Antenna dimensions	10.6" x 6.7" x 1.5" (270 x 170 x 38 mm)
Weight	2.4 lbs. (1.1 kg)
Housing material	Aluminum painted grey
Radome material	ASA Plastic
Standard radome color*	RAL 9002 (grey-white)
Operating temperature range	- 40°C to + 80°C
Storage temperature range	- 40°C to + 80°C
Windload (frontal)	143 N @ 125 mph
Wind survivability (wind tunnel tested)	125 mph

* Antennas may be painted with Imron 5000 or equivalent 2-part enamel on a polyurethane-acrylic base. Do not use metallic-based paints.

Model number legend



Mounting

Standard Wall Mount and Pole Mount hardware supplied. Other mounting options available.

Huber+Suhner Wireless Division

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08.97
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