SUHNER® PLANAR ANTENNA
FOR WIRELESS COMMUNICATION

SPA 1900/70/8/0/CP

Technical Data

**Electrical Properties**
- Frequency range: 1850 - 1990 MHz
- Impedance: 50 Ω
- VSWR: 1.5
- Polarization: circular, left or right
- Gain: 8.0 dBi
- 3 dB beamwidth horizontal: 70°
- 3 dB beamwidth vertical: 70°
- Downtilt: 0°
- Front to back ratio: 20 dB
- Axial ratio: 3 dB
- Max. power: 75 W (CW) at 25°C

**Mechanical Properties**
- Dimensions: 101 x 95 x 32 mm  
  (3.98" x 3.74" x 1.26")
- Weight: 0.11 kg (0.24 lbs.)
- Housing material: ASA and aluminium
- Radome material: ASA
- Radome color: RAL 7035 (light-grey)
- Mounting bracket color: RAL 7042 (dark-grey)
- Operating temperature range: -40°C to +80°C
- Storage temperature range: -40°C to +80°C
- Windload: 15 N at 160 km/h (100 mph)

**Available Types**
- Article no.: 1319.19.0005 (rhc)
  - 22650451 SMA female
- Article no.: 1319.19.0004 (lhc)
  - 22650455 SMA female
- Article no.: 1319.26.0002 (rhc)
  - 22651179 TNC female
- Article no.: 1319.26.0003 (lhc)
  - 22651180 TNC female
- Article no.: 1319.26.0020 (rhc)
  - 22652453 TNC male

**Mounting Hardware**
- Article no.: 9091.99.0029
  - 22649576 mast mounting accessory
- Article no.: 9091.99.0080
  - 22652651 mast mounting and side/down-tilt accessory

Wall mounting material included.
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Dimensions (mm)

Mounting and security instructions see HUBER+SUHNER document number 01.02.0777.
The document can be ordered at HUBER+SUHNER AG, Switzerland.

HUBER+SUHNER group is certified according to ISO 9001 and ISO 14001.

WAIVER!
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HUBER+SUHNER AG
Wired Solutions + Networks
Communication + Power Networks
CH-9100 Herisau, Switzerland
Tel.: +41 (0)71 353 41 11
Fax: +41 (0)71 353 47 51
www.hubersuhner.com

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