



# Directional dual antenna

## Features

- Directional
- 8 dBi gain
- 1850-1990 MHz
- Mountable to wall or pole

The 'directional dual antenna' consists of two flat directional antennas housed in a plastic shroud. It is fitted with 1 meter of coaxial cable and a MCX male connector. The antenna includes a side tilt and a wall bracket by which it can be adjusted in a horizontal plane. The antenna can be mounted to a pole of 40 to 90 mm in diameter by means of a steel strap (included).

## Specifications

Specifications subject to change without prior notice.

### General

Manufacturer: Huber+Suhner  
Product code manufacturer: SPA 1900/85/8/0/DS

### Physical

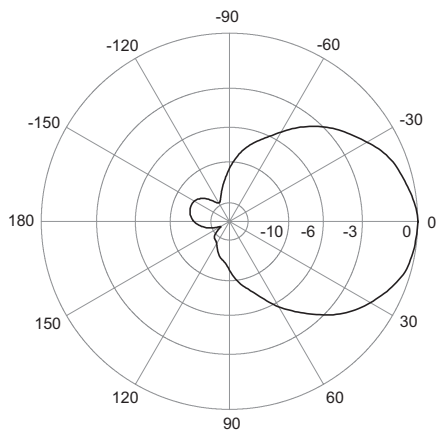
Size: 101(h) × 95(w) × 32(d) mm  
Weight: 0.11 kg  
Material/colour: housing: ASA and aluminium, light grey RAL 7035  
radome: ASA, dark grey RAL7042

### Environmental

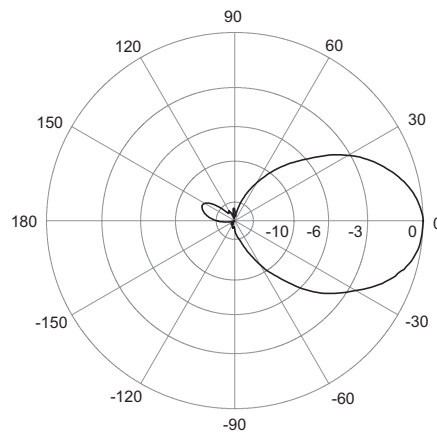
Operating and storage temperature: -40 to +80 °C

### Functional Specs

Frequency range: 1850 to 1990 MHz  
Nominal impedance: 50 ohms  
VSWR: 1.5  
Polarization: dual linear, ± 45° slant  
Gain: 8 dBi  
Radiation in horizontal plane: beam width (H-plane) at -3 dB: 85°  
Radiation in vertical plane: beam width (E-plane) at -3 dB: 75°  
Down tilt: 0°  
Front to back ratio: 12 dB  
Isolation between ports: 30 dB  
Maximum power: 75 watts (CW) at 25 °C  
Connector: MCX male connector at the end of a 1 m ENVIROFLEX 316D coaxial cable



Typical radiation in horizontal plane



Typical radiation in vertical plane

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