

ANT-WSB0.9-YNF-12

900 MHz, Yagi directional antenna, 12 dBi, N-type (female)



- > Support for 900 MHz frequency
- > High-gain antenna to enhance performance
- > Waterproof N-type connector
- > Pole-mounting support
- > Housing provides IP65 protection
- > -40 to 80°C operating temperature range

Specifications

Antenna Characteristics

Frequency: 902 to 928 MHz
Antenna Type: Directional Yagi type
Typical Antenna Gain: 12 dBi
Connector: N-type (female)
Impedance: 50±5 ohms
Polarization: Linear
HPBW/horizontal: 25°
HPBW/vertical: 15°
V.S.W.R.: 1:1.5 max.
Power Handling: 30 W max.

Physical Characteristics

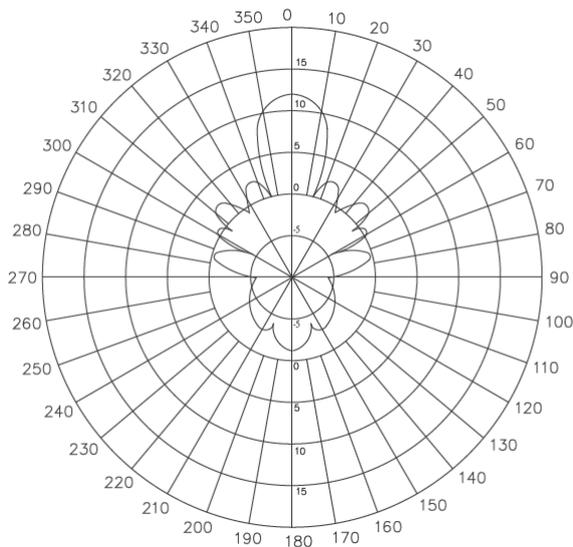
Weight: 570 g
Length: 1,400 mm
IP Rating: IP65
Radome Color: Aluminum
Radome Material: N/A

Environmental Limits

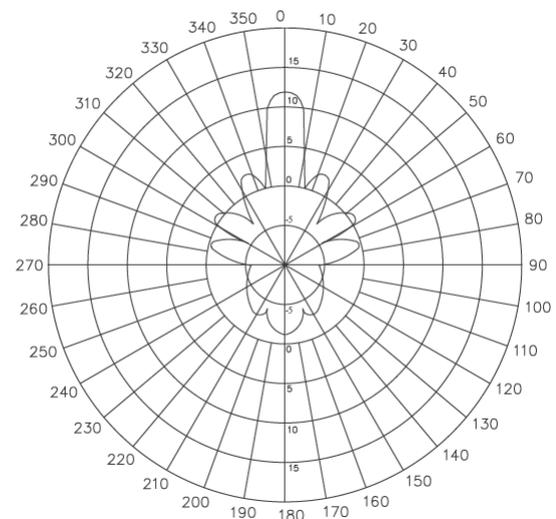
Operating Temperature: -40 to 80°C (-40 to 176°F)
Storage Temperature: -40 to 80°C (-40 to 176°F)
Ambient Relative Humidity: 5 to 95% (30°C, non-condensing)

Field Patterns

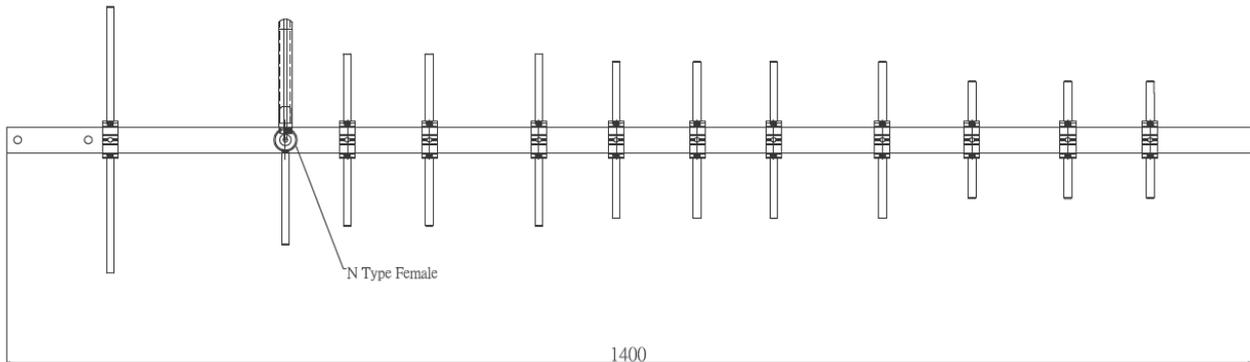
H-plane



E-plane



Dimensions



Ordering Information

Available Models

ANT-WSB0.9-YNF-12: 900 MHz, Yagi directional antenna, 12 dBi, N-type (female)

Optional Accessories (can be purchased separately)

A-CRF-RMNM-L1-300: LMR-195 LITE cable, N-type (male) to RP SMA (male), 3 meters

A-CRF-RMNM-L1-600: LMR-195 LITE cable, N-type (male) to RP SMA (male), 6 meters

A-CRF-RMNM-L1-900: LMR-195 LITE cable, N-type (male) to RP SMA (male), 9 meters

Can be used with the following products

AWK Series: AWK-3191-US, AWK-3191-US-T