



Blue Tower Communications Ltd
2-3 Springlakes Industrial Estate
Deadbrook Lane
Aldershot
Hants
GU12 4UH

21st September 2010

Telecommunication Certification Body
RFI Global Services Ltd.
Pavilion A
Ashwood Park
Basingstoke
Hampshire
RG23 8BG
United Kingdom

Subject: Declaration for Antenna Usage; Certification Application FCC ID: MS8C9G

The external antenna connectors on this device are standard polarity female SMA connector. The requirement of Part 15.203 of the FCC rules for a permanently attached antenna or for an antenna that uses a unique coupling is not applicable, as the device will always be professionally installed in the field.

The installer shall be responsible for ensuring that an antenna similar to the authorised antenna is employed with the system so that the Part15, 22 and 24 radiation limits are not exceeded. The antenna data-sheets are attached for reference.

Yours sincerely

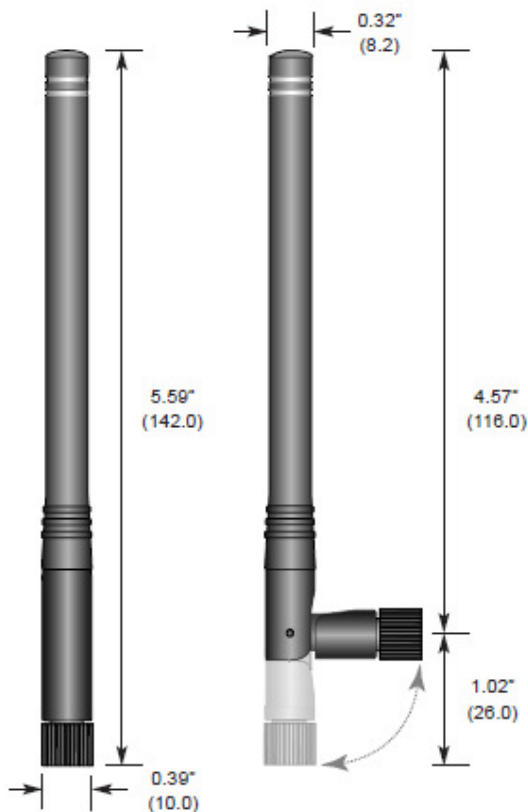
A handwritten signature in blue ink, appearing to read "Peter M White".

Peter M White
Director



ANT-916-CW-HWR-xxx DATA SHEET

Product Dimensions



Description

HWR Series 1/2-wave center-fed dipole antennas deliver outstanding performance in a rugged and cosmetically attractive package. The articulating base allows the antenna to tilt 90 degrees and rotate 360 degrees. The antenna's internal counterpoise eliminates external ground plane dependence and maximizes performance. HWR Series antennas attach via a standard SMA or Part 15 compliant RP-SMA connector. Custom colors and connectors are available for volume OEM customers.

Features

- Internal counterpoise
- Low cost
- Tilts and rotates
- Omni-directional pattern
- Outstanding VSWR
- Rugged & damage-resistant
- Standard SMA or Part 15 compliant RP-SMA connector
- Custom colors and terminations for volume OEMs

Electrical Specifications

- Center Freq. 916MHz
- Bandwidth 30MHz
- Wavelength 1/2-wave
- VSWR <2.0 typ. at center
- Impedance 50 ohms
- Connector RP-SMA or SMA

Electrical specifications and plots measured on 4.00" x 4.00" reference ground plane

Ordering Information

- ANT-916-CW-HWR-RPS (with RP-SMA connector)
- ANT-916-CW-HWR-SMA (with SMA connector)

Polar Plot & Gain Information

