

## INSTALLATION GUIDE

# Yagi Antenna

RAD-ISM-900-ANT-YAGI-1

# 5606614

### USA

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### Safety Guidelines

1. Antenna installation should only be performed by trained personnel.
2. Always wear the appropriate safety devices, and never climb on an antenna. Observe electrical shock hazard caution.
3. Do not secure antenna mast to any structure unless the antenna is electrically bonded to a well grounded tower for lightning protection.
4. Keep tower and antenna clear of all transmission lines.

### Antenna Installation Guidelines

1. Upon receipt of antenna, check contents for damage. Notify the carrier immediately if any of the contents are missing or damaged.
2. Inspect the feeder connector, ensuring that it is appropriate for the application.
3. Ensure the antenna is tuned to the frequency desired. The antenna label indicates the operating range of the antenna.
4. A check of the antenna VSWR is recommended prior to installation to verify antenna tuning. Document the VSWR for future use.
5. Fix antenna securely to tower, ensuring correct polarization with feed-line down. Aluminum base is the bottom of the antenna.
6. Ensure that antenna is solidly grounded, do not rely on feed cable for a ground return. Secure feed-line and transmission line to tower.
7. Always weatherproof the cable connection. Failure to do so will degrade antenna signal over time.
8. The red dot denotes up, ensuring proper antenna performance.
9. Upon final inspection, ensure that the antenna has been securely fixed, that the antenna is orientated correctly, and that all connections have been weatherproofed.