TRIMBLE’S TVG850 ANTENNA OFFERS HIGH QUALITY WIRELESS SIGNAL RECEPTION FOR MOBILE ASSETS

The Trimble® TVG850’s antenna offers the best possible wireless signal reception (WWAN as well as Wi-Fi and Bluetooth wireless technology) contained in a single low-profile enclosure.

The antenna covers a wide range of applications including all cellular bands worldwide, Wi-Fi at 2.4 and 5 GHz, AWS at 1.7 and 2.1 GHz, Public Safety at 4.9 GHz, DSRC at 5.9 GHz or GPS.

The antennas are enclosed in a 4.2”D x 3.2”H weather-proof ASA radome and supplied with all mounting hardware and a sealing gasket.

The TVG850 Antenna is extremely weather resistant and rated IP67 for Dust and Water Ingress. The antennas have also passed industrial and military shock and vibration testing.

PRODUCT SPECIFICATIONS

Physical
- Size......4.2 in x 3.2in (107 mm X 81mm)  add ½” (1.3 cm) to height for mag base
- Material.............White UV resistant ASA

Environmental
- Operating Temperature...... -40° to +85°C
- Shock & Vibration......IEEE1478, EN 61373, MIL-810G, TIA 329.2-C
- Dust/Water Ingress....................SMW:IP67

Electrical
- Power (Maximum Input).............20 Watts
- VSWR (ROE)..........................2:1 max over range
- Impedance...................50 OHMs Nominal
- Connector.......................SMA Plug (male)

Frequency Range & Gain
- Cable 1: 800-1250 MHz (3dBi), 1650-2000 MHz (5dBi), or 2100-2700 MHz (3dBi)
- Cable 2: 2.4 GHz (5dBi)
- Cable 3: 2.4 & 4.9-6.0 GHz (5dBi)
- Cable 4 (GPS): 1575.42 +/- 2 MHz (5dBi)

For more information, visit www.trimble.com/TCL