

## **INS-BROADBAND-SMA**

### **Broadband US Cellular & EU GSM Antenna**

These antennas can be mounted to any vehicle, container or bulkhead.

Broadband model for worldwide coverage including UMTS & 802.11b/g bands from 750 MHz up to 2.7 GHz, with excellent response.

The antenna radome consists ABS UV resistant plastic, with a chrome plated mounting base and threaded feed thru.

The bottom of the INS-BROADBAND-SMA is outfitted with an "O" ring for complete sealing. A mounting nut is provided.

The INS-BROADBAND-SMA Stud mount designs use a 16 mm stud for securing to the surface. Access to the underside of the body surface is required to complete the installation.

The INS-BROADBAND-SMA is a medium profile 76 mm H Antenna with performance of 3 & 5 dBi max (frequency dependent).

Stud mount antennas are outfitted with 1m of RG-58 cable & SMA male connector as standard. Jumper cables for completing the installation can be supplied separately.



### **Specifications**

**Frequency:** Broadband 750-2700 MHz

**Peak Gain:** Broadband Models 3 dBi @ 750-1250 MHz 5 dBi @ 1650-2700 MHz

**VSWR:** 2:1 max over range

**Operating Temp:** -40 C to +85 C

**Nominal Impedance:** 50 ohms

**Maximum Power:** 10 watts

**RMM Size:** 43 mm x 76 mm

**Case Material:** ABS plastic, UV Resistant

**RM Mounting Stud:** 16 mm diameter feed thru long thread for metal 19 mm long for 12.7 mm metal

**RM Hardware:** Mounting nut included

**RM Cable:** RG-58, 1m

**Broadband Antenna white:** [Art. No: INS-BROADBAND-SMA](#)

**Jumper Low loss cable:** 3 m RG-58 & SMA [Art. No: INS-LLC-SMASMA-3M](#)

**Jumper Low loss cable:** 5 m RG-58 & SMA [Art. No: INS-LLC-SMASMA-5M](#)

**Jumper Low loss cable:** 10 m RG-58 & SMA [Art. No: INS-LLC-SMASMA-10M](#)

**Pole/wall Option:** [Art. No: INS-RM-MK](#)