

TECHNICAL NOTE # 405A

48C45529-A01

Enhanced Reflector for Model 316, 330 and 336 Bi-static Microwave Links

The 48C45529-A01 Enhanced Reflector is an optional replacement for the standard reflector as supplied with the Model 316, 330 or 336 Bi-Static Microwave Sensors. The enhanced reflector is intended for installations where smaller “dead zones” are required due to space limitations. It is installed on both the transmitter and receiver heads providing a shorter dead zone of 15 feet (4.5m) but reducing the maximum range to half of the unit’s maximum range. (See data sheet or manual for maximum ranges).

The enhanced reflector can be installed on the units at the factory upon order or supplied separately for installation on site at a later date or as/and when required. The reflector is shown in Figure 1.

For field installation remove the four (4) screws that secure the reflector. Remove the reflector by sliding it up and over the antenna feed. Install enhanced reflector by sliding it down and over antenna feed and re-securing with the four (4) screws. The stamp in the reflector should be in the horizontal position.

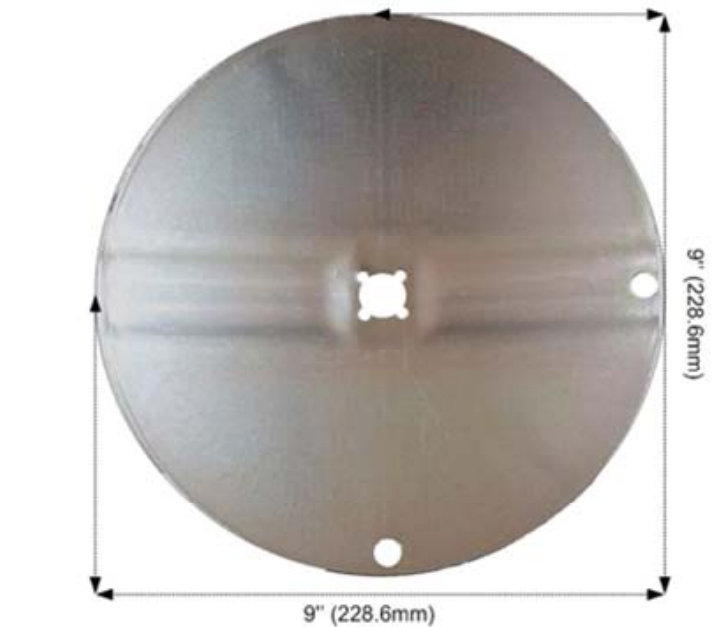


Figure 1

Please refer to each of the microwave links Technical Manuals for pattern widths and any other relevant information for proper installation of the sensor.