



AN 4241 2 X 4 Industrial Antenna



PRODUCT NUMBER: AN 4241

PRODUCT DESCRIPTION

LargeSmall all purpose waterproof panel antenna. Most commonly used in automated full carcass meat processing facilities but can be adapted for any RFID use. Will read all ISO compliant RFID tags when used with a Destron-Fearing FS2001-ISO reader. Required external tuning box allows user to compensate for environment factors encountered during installation. This panel has a wider read window than an AN4242 panel. The AN4241 panel is ideal for facilities with moderate to heavy electrical noise levels.

SPECIFICATIONS

Approvals: FCC part 15 class A (when used with an FS2001 reader), IEEE STD C95.1 1999 Edition. Safety levels with respect to human exposure.

Construction: Vacuum formed in high strength industrial poly material. Cleans easily and is immune to most chemicals used during clean up.

Frequency: 134.2 kHz

Read range: Up to 4 feet at optimal tag orientation 2 ft for ALL tag orientations. User environment may affect read range.

Temperature Range: -25C to +50 C

Dimensions: 58 x 45 x 2cm (24 x 57 x 1 inches)

Installation: Up to 13 mounting holes available. Should NOT be mounted directly on a solid metal plate.

Interface: NEMA 6P watertight connector with shielded cable to FS2001 external tuning box. Optional armorfast cable for severe environments. Panel may be hardwired by special order. May be used with up to a 30 ft cable.

See FS2001 reader specs for communication information.