

RF-ARPIR-319-NN

Antenna info

Overview:

Antenna description:

- The antenna is a piece of wire and used in a monopole arrangement. Antenna is permanently attached to the unit. The antenna does not use reverse polarity connector.

Antenna Drawing:



Antenna design:

Frequency: 319.508 MHz

Antenna gain G_R : -1.3dBi

Rated Power of the radio	13dBm
Reflected power	23.86% (3.1dB)
Mismatch loss	1.18dB
Total loss	4.28dB
Total power deliver to the antenna	8.72dBm
Tune-up tolerance	1.5dB
Antenna Gain	-1.3dBi

Field Strength = rated power + tune-up tolerance + Antenna gain