

400 MHz Omni Directional Antenna

REN 64008 ODN

Description

REN 64008 ODN series high performance Omni Directional Antennas are specially designed for broadband applications in UHF 405-425 MHz and multipoint applications. Heavy duty fiberglass radome is durable enough to stand up to over 60 m/sec wind loads. All metal parts in the antenna are DC-grounded to reduce the noise caused by atmospherical discharge. No frequency adjustment is required. Mounting is easy with two extruded aluminum U-bolts which secure the antenna firmly to mast.



Application

High Gain mobile Omni Directional Antenna is designed for Point-to-Multipoint transmissions over long distance and wide coverage.

PARAMETERS**SPECIFICATIONS**

Frequency Range	405-425 MHz
Gain	8.0 dBi
VSWR	$\leq 1.5: 1$
E-Plane Half Power Beamwidth	17°
Polarization	Vertical
Max. Power	100 Watts
Impedance	50 Ω
Connector	N (F)
Height	1.7 Mtr
Weight (Approx.)	2.0 kg
Diameter	$\Phi 20$ mm
Mounting Hardware	$\Phi 40 \sim \Phi 50$ mm

400 MHz Omni Directional Antenna

REN 64609 ODN

Description

REN 64609 ODN series high performance Omni Directional Antennas are specially designed for broadband applications in CDMA 460-470 MHz band multipoint applications. Heavy duty fiberglass radome is durable enough to stand up to over 60 m/sec wind loads. All metal parts in the antenna are DC-grounded to reduce the noise caused by atmospherical discharge. No frequency adjustment is required. Mounting is easy with two extruded aluminum U-bolts which secure the antenna firmly to mast.



Application

High Gain mobile Omni Directional Antenna is designed for Point-to-multipoint transmissions over long distance and wide coverage.

PARAMETERS**SPECIFICATIONS**

Frequency Range	460-470 MHz
Gain	9.0 dBi
VSWR	$\leq 1.5: 1$
E-Plane half Power Beamwidth	14.5°
Polarization	Vertical
Max. Power	100 Watts
Impedance	50 Ω
Connector	N (F)
Element Housing Material	Fiberglass
Height (Approx.)	2.6 Mtr
Weight (Approx.)	2.5 kg
Mounting Hardware	$\Phi 40 \sim \Phi 50$ mm
Lightning Protection	DC Ground

450 MHz Omni Directional Antenna

REN 64511 ODN

Description

REN 64511 ODN series high performance Omni Directional Antennas are specially designed for broadband applications in CDMA 450-470 MHz band multipoint applications. Heavy duty fiberglass radome is durable enough to stand up to over 60 m/sec wind loads. All metal parts in the antenna are DC-grounded to reduce the noise caused by atmospherical discharge. No frequency adjustment is required. Mounting is easy with two extruded aluminum U-bolts which secure the antenna firmly to mast.

Application

High Gain mobile Omni Directional Antenna is designed for Point-to-Multipoint transmissions over long distance and wide coverage.



PARAMETERS**SPECIFICATIONS**

Frequency Range	450~470MHz
Gain	11.0 dBi
VSWR	$\leq 1.5: 1$
E-Plane Half Power Beamwidth	17°
Polarization	Vertical
Rated Power	300 Watts
Input Impedance	50 Ω
Connector	N (F)
Radiating Material	Fiber Glass
Length	2.8 Mtr
Weight (Approx.)	1.2 Kg
Lightning Protection	Direct Ground