

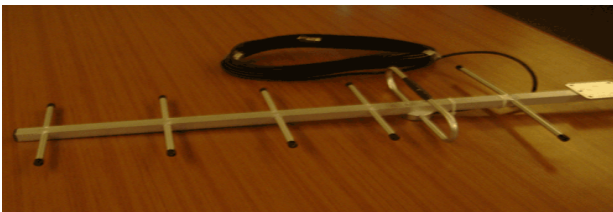
450 MHz Yagi Antenna

REN 64511 YN

Description

REN 64511 YN series high performance Yagi Antennas features high gain and is ideally suited for directional applications operating in CDMA 450~470 MHz frequency band. The unique design of this Antenna allows it to be installed for either vertical or horizontal polarization.

Application



It is primarily designed for use in CDMA 450 MHz (450~470 MHz) band for boosting signal in both uplink and downlink by providing 11.0 dBi gain. Made in excellent finish, withstanding tough environment and at low cost it provides high performance. These antennas can be easily mounted on poles at subscriber ends. These are available with choice of connectors i.e. N, TNC, SMA. For convenience of installation these can also be supplied with 15 Mtr cable to extend to FWTs. The antenna is supplied with Stainless Steel mounting brackets & fasteners.

PARAMETERS

SPECIFICATIONS

Frequency Range	450~470 MHz
Gain	11.0 dBi
VSWR	< 1.5: 1
Bandwidth	20 MHz
H-Plane Beamwidth	61 ⁰
E-Plane Beamwidth	50 ⁰
Front to Back Ratio	≥15 dB
Polarization	Vertical
Max. Power	100 Watts
Impedance	50 Ω
Connector	N (F)
Height (Approx.)	885 mm
Weight (Approx.)	1.35 Kg
Cable Length	15 Mtrs
Cable Lose	4.5 dB
Structure	6 Elements
Rated Wind Velocity	210 Km/hr
Working Temperature	-40 ⁰ C - +60 ⁰ C
Lightning Protection	DC Ground