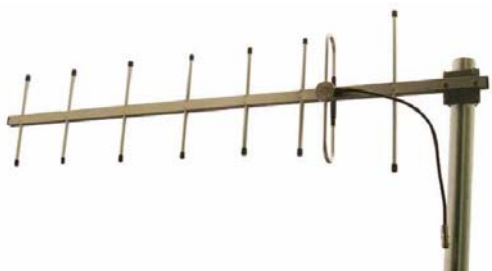




450 MHz Yagi Antenna REN 64511 YS



Description :

REN 64511 YS 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.

Note: Mounting Hardware and Brackets are supplied with Antenna
WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT



PARAMETERS	SPECIFICATIONS
Frequency Range	450 ~ 470 MHz
Bandwidth	20 MHz
Gain	11.0 dBi
VSWR	$\leq 1.5 : 1$
Horizontal Beamwidth	40°
Vertical Beamwidth	36°
Front to Back Ratio	≥ 16 dB
Polarization	Vertical
Max. Power	100 Watt
Impedance	50 Ω
Connector	N(F) or SMA (M)
Cable Length	15 m
Cable Loss	4.5 dB
Lightning Protection	DC Ground
Height (Approx.)	1.55 mtr
Weight (Approx.)	1.80 kg
Rated Wind Velocity	210 km/hr
Working Temperature	-40 °C ~ +60 °C

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