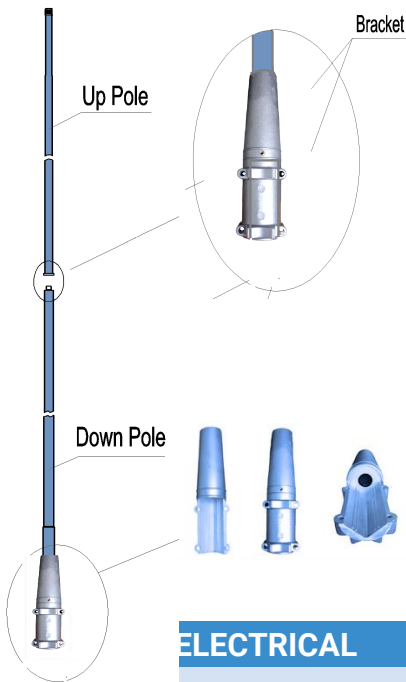


Omnidirectional Base Station Antenna with Heavy-Duty-Fiberglass Radome for the 380-512 MHz. band



KCK70-8G is a 8dBd gain, omnidirectional rod-type base station antenna for the 380-512 MHz Band. It is designed for mounting on support masts tubes with outer diameter between 27 mm to 60 mm. The fiberglass radome completely encloses the carefully designed radiating element to ensure long life service in all climates. **This antenna comes in unique two section split design** for ease of transportation (3 meter long sections) with rugged union design. The atmospheric discharges are immediately led to ground as all metal parts are DC-connected. This antenna is used where reliability and high gain is of great importance. A long lifetime has been taken into consideration when designing this antenna.-



SPECIFICATIONS

ELECTRICAL

Frequency Range	380-512 MHz
Band width	20 MHz.
SWR	< 1.5
Gain	8 dB ; 10,15 DBi
Impedance	50 Ω
Max. Power	150 W
Polarization	Vertical
Antistatic protection	DC-grounded (Connector shows a DC-short)
Connector	N (female)

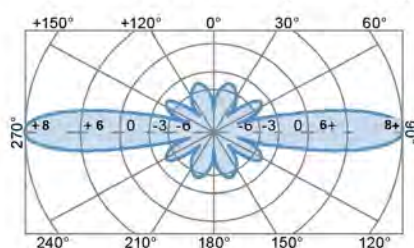
MECHANICAL

Weight & Dimensions	4.1 kg ; L: 7300 mm W: 150 mm
Mounting	27 - 50 mm mast tube
Material	Radome: fiberglass Mounting Bracket: Epoxy coated aluminum
Wind Load	55 M/S

ORDERING INSTRUCTIONS

KCKC70-8G A	380-400 MHz	KCKC70-8G D	440-460 MHz
KCKC70-8G B	400-420 MHz	KC KC70-8G E	460-480 MHz
KCKC70-8G C	420-440 MHz	KC KC70-8G F	480-512 MHz

RADIATION PATTERN (E-PLANE)



TYPICAL SWR CURVE

