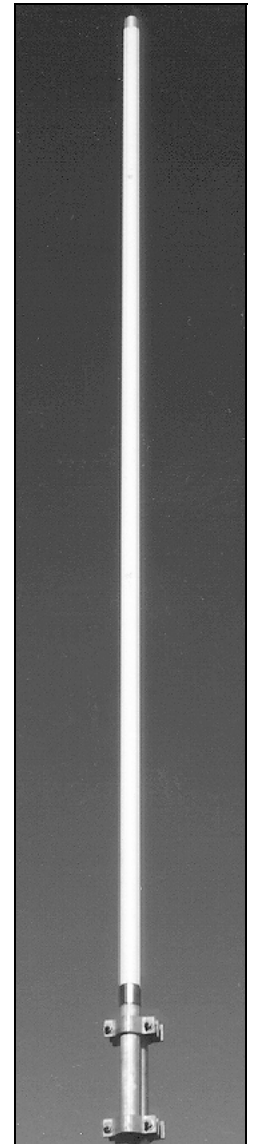


Collinear Antenna Specifications BA400-8N

410-430MHz 6dBd gain

Item	Specifications
ELECTRICAL SPECIFICATIONS	
Frequency Range	380 – 480 MHz
Nominal Gain dBd (dBi)	6 (8 dBi)
Bandwidth, 1.5:1 VSWR(MHz)	16
Polarisation	Vertical
Pattern in horizontal plane	Omni-directional
Vertical Beam width (-3dB/HP points)	14.5°
Electrical down-tilt options	0° ,3° and 6° * Note 2
Impedance	50 Ohm
Maximum carrier input power (Watts)	150
Termination	N Male (Optional N or 7/16 DIN female)
Lightning Protection	DC Ground
Temperature Range Deg C	-30 to +60°C

MECHANICAL SPECIFICATIONS	
Height mm	2600
Radome diameter mm	45
Weight (excluding mounting bracketry) Kg(lbs)	3.5 (7.7)
Survival wind velocity km/h	200
Antenna base pipe diameter mm	40
Mounting clamps	2 × Type 120 clamps provided



	Name	Date	Type .	BA400-8N	S/N:	
Edit		061211	Name	collinear antenna	Version	1.0
Check					Page 1 of 1	
Confirm			specifications		