

Features :

**Operation Manual** 

## GP-9NCA

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## Ultra High Gain Dual Bander for 152 & 465MHz

## 1. Comet SLC-system, super-linear-converter, realized low-loss maxim, gain. 2 Wide band and No Frequency adjustment is required. Heavy duty fiberglass guarantees complete water/pollution-proof, preventing QSB. 3. Newly invented, ABS-joint system provides finest beam pattern and easy assembling works 4. Lightening protection is equipped, which guards your transmitter, 5. 6. Please enjoy dual-band-communication, using Comet duplexer, CF-416 and/ or CF-4160. Specifications : Note : Frequency & Gain : 152MHz / 8.5dB Upper Pipe GP-9NCA is wide band having low V. SWR as shown about. 465MHz / 11.9dB Needs completely No Frequency Adjustment. However. Mid Pipe V.S.W.R. : Less than 1: 1.5 Please pay extra attention on Water-Proof works at each Impedance : 50 ohm **ABS** Joint joint parts, by adhesive glue, self-melting tape and/ or Max. Power :200W(SSB) Lower Pipe vinyl tape. Weight : 2.2 kg Fig. 6 Mount bracket Radials Length :5.15 m Support Pipe **U**·Bolt Lock Nut Connector : N type Sp. Washer Nut Your Assembling & Mounting : Pole N-connector Hex. Bolt (1) Joint the Lower Element and Fig. 2 Sp. Washer Nut, Mid Element using Hex. Wrench, Mid Element Lower Element (See Fig. 2) Lower Pipe Power Feed Section (2) Insert Mid Ant . Pipe to Lower Ant. Radials Pipe. Then, assemble Lower Lock Joint A Washer Joint B Mid Pipe Wrench Screw and Mid Joint Receptacle with Your Pole Mount Support Pipe rubber washer strongly. (See fig. 3) Fig. 3 Fasten firmly ! (3) Joint Upper Element and Mid Element with Hex. Wrench firmly. Joint Assembly (4) Then, insert Upper Ant. Pipe to Mid Ant. Pipe and proceed ABS joint assembling, Fig. 4 As done ib (B). Fasten screws firmly Coax. (5) Assemble 3 Radials. The Radial Lock Nut must be fasten firmly, using Vinyl Tape Loop Fasten Lock Nut spanner etc. (See Fig. 4) by tool ! (6) Then, mount 2 Mount Bracket to the Radial V. SWR Characters : Mount Support Pipe. Pass the coax. cable through the Pipe and connect to 152 MHz Fig. 5 the Power feeding section. Please 1.5 1.4 fasten Hex Bolts firmly. Then, assemble 1.3 such Support Pipe to whole Antenna 1.2 1.1 and fasten Lock Bolt. (7) Finally, mount the all assembled antenna 153.5 152 Power Feed section 150.5 Mount Support to your pole. Because GP-9NCA is long 5.1m 465 MHz Pipe Hex Bolt Sp. Washer Nut high antenna. please pay attention on Mount Bracket 1.5 1.4 the balance, and use strong pole as (Need taping 1.3 possible. 30-62mm dia. Please refer to for water proof) 1.2 1.1 fig. 6 for total mounting. Coax, cable 469 465 Support Pipe 461 COMET CO., LTD.