

# Operation Manual

## GP-3

### Fiber Glass High Gain Dual Bander

#### Features:

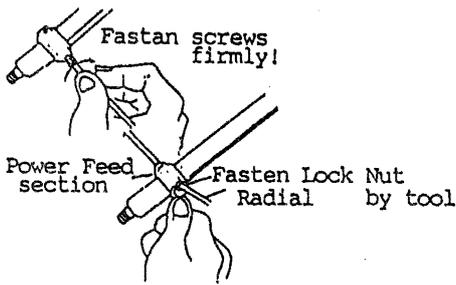
1. Combination of special Power Feeding Section and phasing coil realized highest gain VHF/UHF dual bander, firstly in the World.
2. One-piece strong Fiber Glass assures long durability, keeping full resistance against water, salt and/or pollution.
3. Completely factory tuned before delivery and no adjustment is required.

#### Specifications:

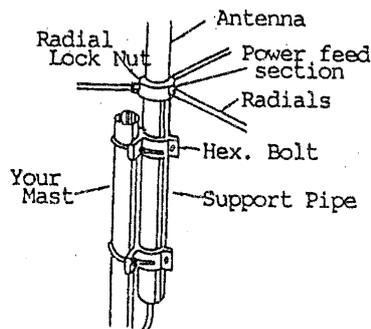
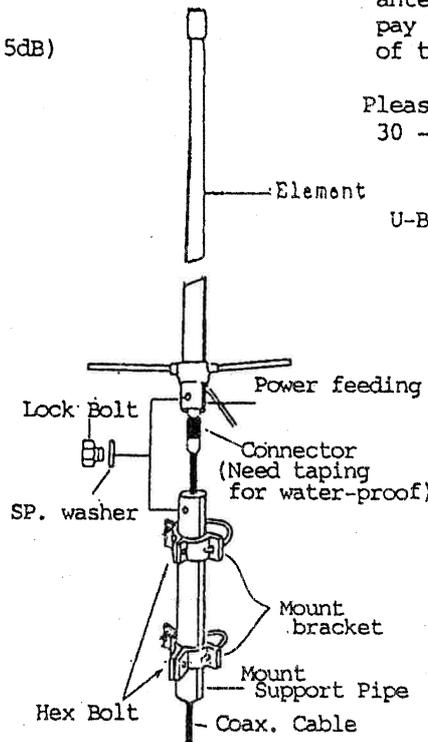
Frequency & Gain	: 145MHz/4.5dB
	: 430MHz/7.2dB (7.5dB)
Impedance	: 50 Ohm
V.S.W.R.	: Less than 1.5
Max Power	: 200 Watt
Weight	: 1.15 Kg
Connector	: M (N) - type
Length	: 1.78 m

#### Assembling & Mounting:

- (1) First, assemble 3 radials.
- (2) Then, fasten Radial Lock Nuts firmly, using spanner etc.

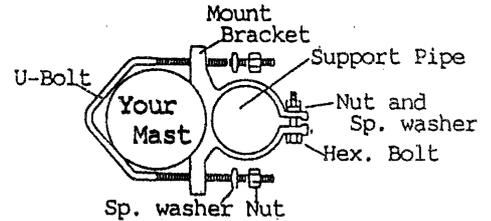


- (3) Then, mount 2 Mount Brackets onto the Mount Support Pipe. Pass the coax. cable through the Pipe and connect to the Power Feeding Section. Please fasten Hex. Bolts firmly. Then, assemble such Support pipe to whole antenna and fasten Lock Bolt strongly.



- (4) Finally, mount all assembled antenna to your mast. Please pay attention to the well-balancing of the antenna.

Please use strong mast as possible, 30 - 62mm dia



#### Parts List

No.	Qty	Parts Name
1)	1	Element
2)	3	Radials w/nut
3)	1	Power Feeding Section
4)	2	Mount Support Bracket
5)	1	Mount Support Pipe
6)	1	Lock Bolt w/sp. washer M6x8
7)	1	Hex Bolt w/sp. washer M6x30
8)	2	U-bolt w/sp. washer, nut

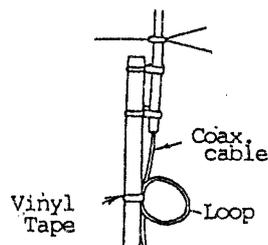
Kindly use high quality coax. cable, like 3/5/8D2V, to prevent cable loss.

Please enjoy using highest quality dual bander, together with Comet Duplexer, Model CF-416, or CF-4160.

#### Note:

GP-3 is wide band, which needs No Frequency adjustment.

For long period use, please proceed water-proof works properly, with glue, self-melting tape, and/or vinyl tape.



#### V.SWR Characters:

