



5-BANDS, V-DIPOLE ANTENNA **330V**

☆ Hybrid Type, 3.5/3.8MHz(5-CH), 7MHz(3-CH), 14~28MHz(4-CH)



Model 330V, 5-Band V-Dipole Antenna



Matching Unit, BS82



Remote Switch, BS82

The model 330V is a 5-band V-dipole antenna of an hybrid type by employing trap and relay controlled matching tuner. The model is, so to say, a kind of a solid type of antenna mixed and combined with the 4-band multi-channel type V-dipole model "730V-1W" and a super-compact lowband dipole for 3.5/3.8MHz bands model "CD78Jr", both of which have been particularly popular among many of these contest enthusiasts and low-band DX lovers. The following specifications are presented.

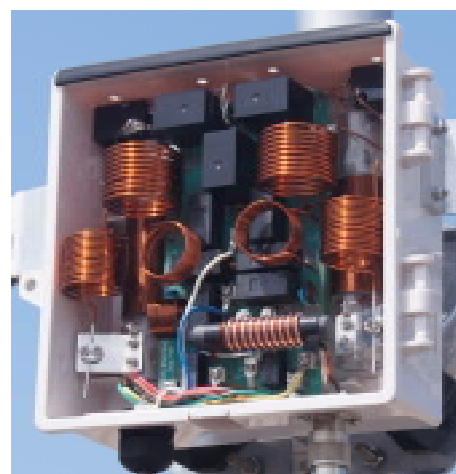
- It offers an wide-band operation of band switching in a multi-channel by use of CD's own relay-controlled tune coupler proved in the popular CD78 Series for many years, that contribute a smooth band-switching, achieving for 5-channel on 3.5/3.8MHz band, 3-channel on 7MHz band and 4-channel for 14/21/28MHz band respectively.
- In coupled with almo-welded made T-hat element producing high radiation efficiency by occupying RF current in full length of element for not only on 7MHz but also on 3.5MHz, it makes it possible to offer a high radiation efficiency.
- It offers an high power capability due to use of Hi-Q trap.
- It offers a smart and space-saving installation as the V-angle (selectable) structure helps the installation to be smaller turning radius without effecting the antenna from ambient or surrounding condition. For those who are disable to set up the antenna in higher height, installing it on a roof top or lower height from the ground as such living in an urban area having limited space, seeking for QRV in HF band from low to higher band, would be most suitable antenna to meet the demands.

SPECIFICATION

Frequency (CH)	Power Capability, CW / PEP
3.5/3.8MHz (5CH*)	400W / 800W
※ 3.50, 3.53, 3.56, 3.60, 3.79 MHz	
7MHz (3CH)	700W /1400W
14MHz (4CH)	1 kW / 2 kW
21MHz (4CH)	1 kW / 2 kW
28MHz (4CH)	1 kW / 2 kW

F/B Ratio	-2.5~0dB Against $\lambda/2$ Dipole
Impedance	50 ohms
VSWR	Less than 1.3 (Ref - Fig. 1)
Boom Length	11.4 m
Rotational Radius	4.1 m (90°)
Mast Diameter	ϕ 48 ~ 61 mm
Weight	Antenna: 4.9 kg Coupler: 1.3 kg
Wind Survival Rating	35 m/s

* Approx. 13VDC power supply and 7-conductor cable for remote control are required for band switching. Both matching unit BS82 and remote switch are factory shipped to be completed form.



Internal View

- ★ 330V-1A is the model that includes 50MHz operable.
- ★ 786D is a 50MHz kit for upgrading 330V-1 to 330V-1A.

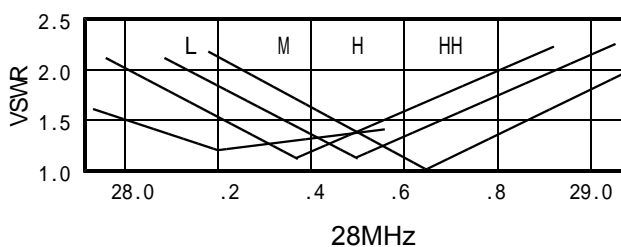
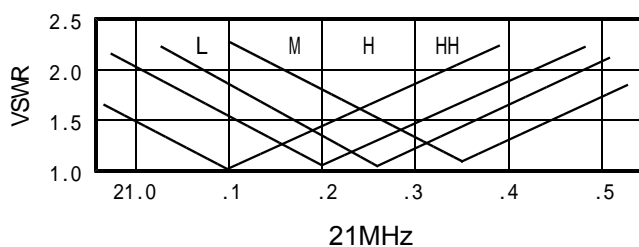
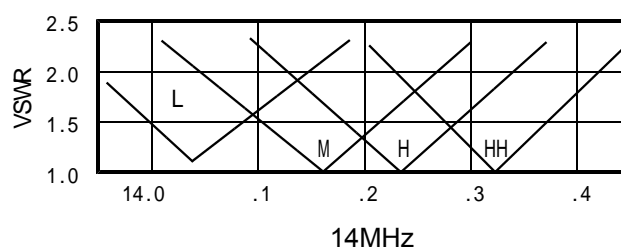
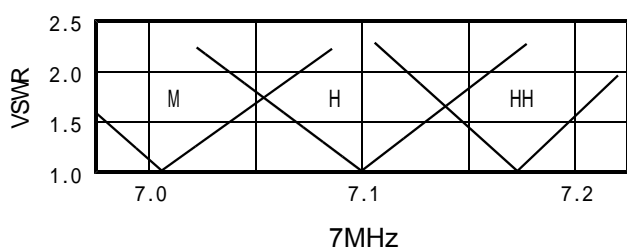


Figure 1. VSWR Curve, 330V (Typical) (10m/h)