

730V-xW, V-Dipole Antenna for 7MHz Expanded Band

V-Dipole Antenna with BS41 Matching Tuner for 7MHz Expanded Band
Remotely Operate 4-Band Switching Enables to Cover the Expanded-Band on 7MHz
by Remotely Controlling 4-Band Switcher

730V-1W (7, 14, 21, 28MHz)

730V-1AW (7, 14, 21, 28, 50MHz)

Power handling is the same as that of standard model 730V-1x.

730V-2W (7, 21, 28MHz)

730V-2AW (7, 21, 28, 50MHz)

Power handling is the same as that of standard model 730V-2x.



BS41. It builds in matching circuit and balun transformer.

4-Band Remote Switch
(Supplied As An Assembly Kit)

This new type V-Dipole antenna both 730V-1W and 730V-2W makes it possible to operate not only on the bands existing so far but also newly assigned the expanded-band on 7MHz.

(For band switching, a 13.8VDC power supply and a remote cable of 4-conductors are required.)

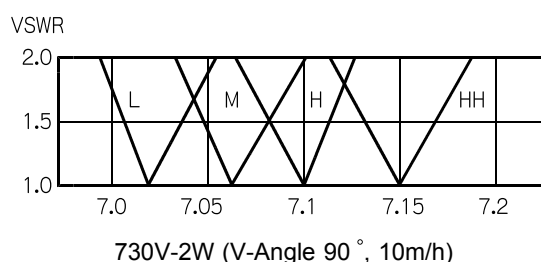
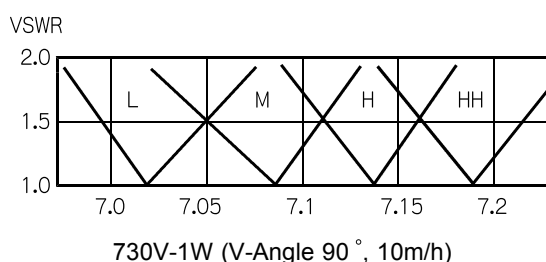
Other than 7MHz, it contributes also to improve to maintain lower VSWR on other frequencies band that 730V-series allows. By conducting the band switching, it makes it possible to resonance the antenna tuning in more precisely, those higher frequencies in the ham band assigned for SSB, FM band etc.

Ex: At the best VSWR point on 14MHz of 730V-1W, operational frequency range expands from 14.15 up to 14.35MHz.

At the best VSWR point on 28MHz of 730V-2W, operational frequency range expands from 28.5 up to 29.0MHz.

As being the fact, taking the recent case in Japan, for example, the rules and regulations has been revised to be able to operate 7.060 ~ 7.140MHz for the PHONE (either AM or SSB) operation in All JA Contest as of 2010. In coupled with the band expansion, needing such an antenna 'ready-for-operation' will help a lot to meet the requests. The same is true of those applications and enthusiasts, seeking for wider bandwidth of operation in upper side of frequencies, for contest, DX-hunting, by determining to band selecting and switching the antenna swiftly into a preferable frequency desired, and quick contacting friends, rag-chewing with a favorite group or party avoiding an unwilling noise and QRM, hence the 730V-1W, 730V-2W will meet the requests.

VSWR for 7MHz (Typical)



- Those users who have already owned either 730V-1x or 730V-2x, the antenna tuner BS41 expanded kit for 7MHz band is only required. Except slight readjustment in tip element, no particular modification on the antenna itself is required as no electrical affection is given by attaching this unit.

BS41, Matching Tuner for 7MHz Expanded Band for 730V Series

This BS41 is a matching tuner designed for the existing 730V-series enable to operate the newly assigned expanded band on 7MHz. By attaching this unit to the model 730V-1x allows to expand the bandwidth on 7MHz. (No modification is required in the antenna.)

Attaching this unit brings to helps the VSWR improvement for the other band other than 7MHz too. The VSWR characteristic for those higher bands (assigned for SSB, FM bands) tend to obtain a better VSWR.

Ex: 14MHz of 730V-1 enables to cover 14.15 ~ 14.35MHz bandwidth at the best VSWR point.
28MHz of 730V-2 enables to cover 28.5 ~ 29.0MHz bandwidth at the best VSWR point.

Not only those who owns the existing 730V-series for expanding it for 7MHz, but also those who wish to set up V-dipole seeking to operate on the newly assigned expanded frequencies on the 7MHz together, such as Contest lovers, DX-huntings, rag-chewing with friends, meeting QSO group or party on the air, this antenna meets the demands and is indispensable.

For the details for the BS41, refer to the page for 730V-xW.