

HORWIN FI-V1/2-L/H

HORWIN FI-V1/2-L/H - are a ferrite isolators used for protection and isolation of VHF transmitters. There are two major benefits of isolator application: to prevent transmitter failure due to the high SWR and to prevent intermodulation caused by the nearby strong transmitting signals.

Isolators can be tuned to frequencies within the 136-156 / 148-174 MHz sub-bands. The required range must be specified when ordering.



FI-V1-L

FI-V2-L

FI-V1-H

FI-V2-H

FI - ferrite isolator U - frequency range UHF 1/2 - isolator type (1=single, 2=dual) L/H input power (L=50W, H=100W)	VHF low power single ferrite isolator	VHF low power dual ferrite isolator	VHF high power single ferrite isolator	VHF high power dual ferrite isolator
Frequency range, MHz	136-156/148 – 174	136-156/148 – 174	136-156/148 – 174	136-156/148 – 174
Max input power, W	50	50	100	100
Isolation, dB	> 30	> 60	> 30	> 60
Insertion losses, dB	< 0.4	< 0.8	< 0.4	< 0.8
SWR	< 1.2	< 1.2	< 1.2	< 1.2
Nominal impedance, Ohm	50	50	50	50
Dimensions (H x W x D), mm	90x55x100	90x55x140	90x55x100	90x55x140
Weight, kg	0.3	0.5	0.6	0.9

