

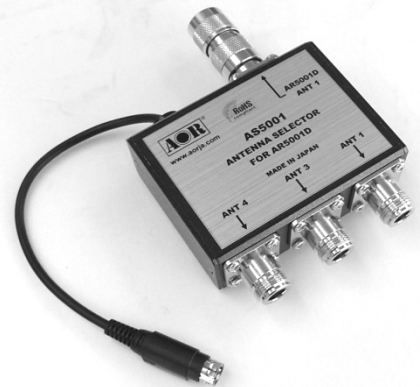
# AS5001 Antenna Selector

AS5001 is an automatic antenna switch unit, which adds inputs 3 and 4.

Control selection is either automatic or manual per front panel.

Also compatible with AR5000 series and AR-ALPHA receivers.

AS5001 is designed to operate up to 3.5 GHz with low insertion loss design while maintaining 50 Ω circuit impedance.



## SPECIFICATIONS

Model	AS5001 Antenna selector unit		
Circuit	Antenna switch by RF relay circuit		
Frequency Range	DC to 3.5GHz (25MHz to 3.15GHz with AR5001D receiver)		
Insertion Loss	< 100MHz	2GHz	3.5GHz
	Less than -0.5dB	Less than -1.4dB	Less than -1.6dB
Isolation	70dB and above	62dB and above	30dB and above
	50Ω (Unbalanced)		
Impedance	50Ω (Unbalanced)		
Connector Type	N-J NP-NP adapter is supplied to connect receiver.		
Control cable	Approx. 20cm		
Power supply	Power supplied by receiver		
Dimensions/Weight	Approx. 7.0 x 9.0 x 3.4cm (less connectors) / Approx. 325g		

## CONNECTION (based on AR5001D receiver)

AS5001 is connected to the ANT1 socket of the receiver and the control signal is taken from ACC2 as illustrated. AS5001 provides access to ANT1, 3 and 4 through the ANT1 socket of the receiver, The ANT2 socket is left unaffected.

(Note: A shortwave antenna will have to be connected to the ANT 2 socket of the receiver in any case.)

