

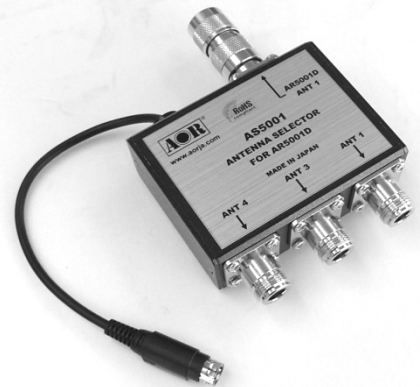
AS5001 Antenna Selector

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
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Impedance	50 Ω (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.)

