

AS5001 Antenna Selector

AS5001 is an automatic antenna switch unit, which adds ANT inputs 3 and 4. Control selection is either automatic or manual per front panel.

Compatible with following receivers:

- AR5000 series
- AR-ALPHA
- AR5001D (only for receivers with serial # up to 09353000)
- AR6000 (only for receivers with serial # up to 09441000)

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



SPECIFICATIONS

Model	AS5001 Antenna selector		
Circuit	Antenna switch by switch IC circuit		
Frequency Range	DC to 3.5GHz (reduced performance over 3.5GHz)		
Insertion Loss (typical)	< 100MHz	2GHz	3.5GHz
	0.5dB	1.4dB	1.6dB
Isolation (typical)	70dB	40dB	25dB
Impedance	50Ω (Unbalanced)		
Connector Type	N-J NP-NP adapter is supplied to connect to the receiver.		
Control cable	Approximately 20 cm		
Power supply	Power supplied by receiver		
Dimensions/Weight	Approx. 7.0 x 9.3 x 3.3cm (without connectors) / 305g		

Specifications and design are subject to change without notice nor obligation.

CONNECTION (example based on the 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: An HF band antenna can only be connected to the ANT 2 socket of the receiver.)

