

INSTRUCTION MANUAL

coaxial switch **CS-201** series



■ Overview

CS-201series coaxial switch have achieved a cavity structure by die-casting the entire product with special alloys, unlike conventional coaxial switches. It is an ideal coaxial switch.

■ Features

- ① The entire switch has a cavity structure, so it has excellent impedance characteristics and minimizes SWR and insertion loss.
- ② The cavity structure provides an incredible amount of isolation between circuits.
- ③ The inactive antenna side is designed to always be grounded, allowing for stable and efficient switching.
- ④ The contact material is made of a special three-way alloy spring material and has semi-permanent durability.

	MODEL	CS-201G II	CS-201a
Frequency Range Power Rating (CW)	DC~30 MHz	1.5KW	
	30~150 MHz	1KW	
	150~600 MHz	500W	
	500~1,000 MHz	250W	—
	1.0~2.0 GHz	150W	—
Insertion Loss	DC~1,000 MHz	Less than 0.12dB	
	1.0~2.0 GHz	Less than 1.2dB	—
Isolation	DC~600 MHz	Better than 60dB	
	600~1,000 MHz	Better than 50dB	—
	1.0~2.0 GHz	Better than 45dB	—
V.SWR		Less than 1.3 (1.3G)	Less than 1.2 (600MHz)
Impedance		50 Ω	
Connector		N - Type	M - Type (SO-239)
Dimensions		71(W)×48.3(H)×81(D)mm	71(W)×48.3(H)×77(D)mm
Weight		0.43kg	

⚠ Caution

Do not change the switch while the radio is in the transmitting state.
(The switch contacts are all grounded, so doing so is the same as shorting the output circuit of the switch.)