

MFJ-1704 4-Position Coaxial Switch

Thank you for purchasing the MFJ-1704 4-Position Coaxial Switch. The MFJ-1704 utilizes heavy cast metal construction and ball bearing drive for smooth switching. Plus the MFJ-1704 has a replacable lightning/surge protection pellet and center ground position. When the 1704 is in the center position, all connectors are disconnected and grounded. If the switch is turned to an active connector, the other connectors are automatically grounded. The active connector is automatically protected with the replacable lightning/surge protector.

***CAUTION*DO NOT SWITCH CONNECTORS WHILE TRANSMITTING.**

Should a lightning strike occur, the replacable lightning/surge protection pellet will short to ground protecting your equipment. Open the 1704 and check the pellet if it does not recover by itself. If the pellet is burned out, it will need to be replace. While waiting for the replacement pellet, your equipment could be operated without lightning protection by removing the burned out pellet but it is NOT recommended for the safety of your equipment.

SPECIFICATIONS

POWER Rating: 2.5 KW PEP

IMPEDANCE: 50 ohms

CONNECTORS: SO-239

VSWR

30 MHz <1.1:1

150 MHz <1.3:1

450 MHz <1.4:1

500 MHz <1.4:1

GROUNDING Requirements:

A sepearte, external ground wire must be used with the MFJ-1704. This wire should be connected to either of the thru-holes of the base plate. The lightning protection pellet will not work without a good ground. Paint should be removed from the base plate at the point of connection to provide a good.solder surface.