MFJ-1705 RF Bypass Switch DC-60 MHz

INTRODUCTION

The **MFJ-1705** is a RF bypass switch designed to switch in or bypass any device. Simply connect your antenna tuner, linear amplifier, preamp, wattmeter or other device using a SO-239 coax connector. A slide switch allows you to choose between "*RF Device In*" or "*RF Device Bypass*". This RF Bypass Switch is rated to operate at DC to 60 MHz at 300W / 50Ω .



WARNING: Never transmit while changing the switch position.

INSTALLATION

- 1. The **MFJ-1705 RF Bypass Switch** is intended for applications protected from the elements **out of the weather**.
- 2. Connect any device such as an antenna tuner, linear amplifier, preamp, wattmeter or other device to the *"RF Device"* connectors using SO-239 coax connectors.
 - a. Connect one side of the *"RF Device"* connector to the "transmitter" or "RF in" side of the device.
 - b. Connect the other side of the *"RF Device"* connector to the "antenna" or "RF out" side of the device.
- 3. Connect your transmitter and antenna to the "*In/Out*" connectors using SO-239 coax connectors.
 - a. Connect your transmitter to one side of the "*In/Out*" connector.
 - b. Connect your antenna to the other side of the "In/Out" connector.
- 4. Select the switch position to "*RF Bypass*" or "*RF Device In*".
- 5. Operate from DC to 60 MHz with output power of up to 300 Watts at 50 Ohms.