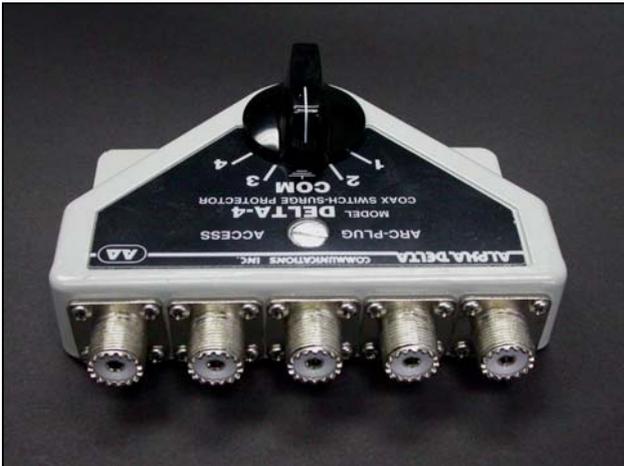


# DELTA - 4 SERIES

**LIGHTNING SURGE PROTECTED  
4 POSITION RF COAXIAL SWITCH**



Model DELTA-4 (UHF Female connectors)



Model DELTA-4N (N Female connectors)

---

DELTA-4 SERIES COAXIAL SWITCH IS A PRECISION RF SWITCHING DEVICE EMPLOYING THE LATEST HIGH TECHNOLOGY DESIGNS.

---

## SPECIFICATIONS

Power Rating: 1500 watt.

Impedance: 50 ohms

	Frequency	VSWR	Insertion Loss	Isolation
<b>Model DELTA-4 (DC-450MHz)</b>	30 MHz	<1.1:1	0.1dB	>60dB
	150MHz	<1.3:1	<0.2dB	60dB
<b>Model DELTA-4N (DC-1300MHz)</b>	450MHz	<1.4:1	<0.4dB	>50dB
	1300MHz	<1.5:1	<0.5dB	50dB

Switch Positions      Four, two either side of a 'common' centre connector.

Lightning Surge Protection      Alpha Delta Model D-4 internally mounted, field replaceable ceramic gas tube ARC-PLUG Cartridge Pill.

Special Switching Functions      When the knob points to the centre (Ground) switch position, all antenna circuits are internally disconnected and grounded. When the knob is in an active position, the unused antenna ports are grounded. The active position circuit is continuously protected by the Model D-4 ARC-PLUG Cartridge Pill.

Grounding Requirements      A separate, external ground wire must be used from one set of user supplied mounting hardware (through either thru-hole on the base plate) to the station ground system (not the equipment chassis). The ARC-PLUG Cartridge Pill will not operate without a good ground. Note: Paint should be removed at point of ground hardware connection to base plate. It is also good practice to ground the coax shield at point of entry to the building.

## **ALPHA-DELTA COMMUNICATIONS INC. (USA)**

**P.O.Box 620, Manchester, Kentucky 40962, USA.**