



Event Diversion Systems

Component Specification

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COMPONENT DESCRIPTION

RAIN SWITCH with debris guard, monopole and 100 feet of signal cable
This switch continually monitors the environment for as little as 1/100th of 1" of rainfall. The debris guard keeps rodents, birds and general trash from affecting the rain gauge's accuracy. The monopole allows easy mounting.

MANUFACTURER

Attitude Systems
5192 Bolsa Avenue Unit 6
Phone (714) 880-9992
WWW.ATTITUDESYSYSTEMS.COM



WARRANTY

Limited Lifetime Warranty
The electronics have a 1 Year Warranty

PHOTOGRAPH



DIMENSIONS

9" X 9" X 12" Tall
(up to 36" Tall if Monopole is used for mounting)

MATERIALS OF CONSTRUCTION

HDPE - Collector, Base and Debris guard
ABS - Monopole, Male adaptor
PVC - Flange
SS -Fasteners
Galvanized Steel - Mini-clamps

CABLE GLAND

3/8" NPT Nylon moisture resistant IP68 strain relief - For 0.31" max diameter cord



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CABLE

100 Feet SJOOW 18 gauge 2 conductor cable stranded fully annealed copper, Jacket Black, Conductor colors 1- Black 1- White Jacket temperature range -40 +90C High Resistance to UV, Oil and Moisture

MOUNTING/END CONFIGURATION

2" Mini-clamps attached to the 2" monopole on a 2" FNPT - the Monopole can be removed and the 9" X 9" X 2" plastic grate base can be used as a mounting surface

ELECTRICAL

Switch Characteristics: NORMAL POWER SUPPLY 24 VAC
Switched power Maximum: 10 Watts - Switched voltage DC Maximum: 200 volts - Switched voltage AC (RMS): 140 volts - Switched current DC Maximum: 500ma - Switched current AC (RMS) Maximum: 500ma - Carry Current DC maximum: 2.5 amps - Breakdown voltage Minimum: 325 volts Switches @ 1/100th of 1" of rainfall nominal

MECHANICAL

Measurement type Tipping Dipper - Accuracy to 1/500th on an inch

CERTIFICATIONS

Rain Switch, NWS (National Weather Service) Standard
Cable UL, CSA, MSHA, ROHS, ASTM B-174, Water Resistant
Cord Gland ROHS, IP68

SPECIAL NOTES

Can be mounted using the base or the monopole - Must be mounted with a clear view of the sky