

# ACT 424-065-XXX RF Series

## Coax Surge Arrestor



- ▶ With the increases in the sensitivity of Telecom and Cellular equipment, the ACT 424-065-XXX is a coax surge arrestor built to sustain multiple lightning surges and quickly restore itself back to normal for the next surge.

The ACT 424 is a primary series connected surge arrestor with a choice of BNC, N, F, TNC, and SMA type connectors (Male to Female). The Coax Protector protection technology is designed with a robust gas tube design that allows both signal and dc to pass through the protector.

### ▶ RECOMMENDED LOCATION

- Commercial Telephone
- Wireless Telephone
- Cable Television

### ▶ FEATURES AND BENEFITS

- Robust Design – 10kA (8x20uSec)@ <550V
- Uses Gas Tube Protection design
- Fast Response Time < 100 nSec
- Extremely low insertion loss <0.5 dB
- Absorbs and Dissipates surges through ground
- 1 Year Standard Warranty

### ▶ STANDARDS MET

- UL 497A
- ANSI/ IEEE C62
- 3rd Party Tested

### ▶ TECHNICAL INFORMATION

**ACT 424-065-XXX** Where XXX = Connector type  
-BNC -TNC -F -SMA -N

### ▶ ELECTRICAL & MECHANICAL SPECIFICATIONS

Connector Type	BNC	TNC	F	SMA	N
Working Frequency (GHz)	0- 2.0G	0- 2.0G	0- 1.0G	0- 1.0G	0- 2.0G
Impedence (Ohms)	75	50	75	75	50
Nominal Breakdown Voltage	65-90	65-90	65-90	65-90	65-90
Max Discharge Current (8x20uS)	10kA	10kA	10kA	10kA	10kA
Max Voltage Breakdown	<550V	<550V	<550V	<550V	<550V
Insertion Loss (dB)	<0.5	<0.5	<0.5	<0.5	<0.5
Working Temperature (deg C)	-25 to +70	-25 to +70	-25 to +70	-25 to +70	-25 to +70
Typical Size (mm)	50.2 x 25 x 25	50.2 x 25 x 25	50.2 x 25 x 25	50.2 x 25 x 25	50.2 x 25 x 25