**Amphenol**
ANTENNA SOLUTIONS

# 593

No Image
Available

## Features

Surge arrestors are designed to protect wireless base stations, switching centers and transmission lines from the damaging effects of extreme high voltage surges caused by lightning strikes. The Amphenol lightning protection devices are designed and tested to the most demanding specifications. They are rated to protect against both direct and indirect multiple strikes in the harshest environments imaginable. Their rugged construction utilizes solid metal housing and superior plating, which results in outstanding system protection and operating continuity.

- Ideal for low frequency applications
- Excellent electrical performance, low VSWR, low insertion loss
- Waterproof to IP68
- Totally maintenance free

## STRUCTURE

| Product Line | --- | Coaxial Cable Components |
|---|---|---|
| Product Type | --- | Surge Arrestor |
| Coaxial Cable Type | --- | Foam Dielectric, Ultraflexible Foam Dielectric, Radiating Cable |
| Connector Interface | --- | UHF |

## MECHANICAL SPECIFICATIONS

| Configuration | | --- | UHF Female - UHF Female |
|---|---|---|---|
| Connector A | Type | --- | UHF Female |
| | Center Contact | --- | Phosphor Bronze, silver plated |
| | Outer Contact | --- | Brass, silver plated |
| Connector B | Type | --- | UHF Female |
| | Center Contact | --- | Phosphor Bronze, silver plated |
| | Outer Contact | --- | Brass, silver plated |
| Body | | --- | Brass, silver plated |
| Dielectric | | --- | Teflon |

## ELECTRICAL SPECIFICATIONS

| Frequency Range | MHz | DC-600 |
|---|---|---|
| VSWR, Return Loss | dB | 1-600 MHz: 1.5 (14) |
| Insertion Loss, Max | dB | < 0.05 |
| Power Handling | Watts | 500 W |

# 593

## TEMPERATURE SPECIFICATIONS

| Operation Temperature | degree | -55° to 165° |
|---|---|---|

## PACKAGING INFORMATION

| Package Quantity | --- | 1 |
|---|---|---|



Ø1.50

.62

PROTECTIVE CAP

5/8-24 UNEF-2A THD. TYP.

1.13

2 SCREWS W/ HEX NUTS & LOCKWASHERS
#8-32

Ø.187
2 HOLES

1.125

.562

Ø.656
1 HOLE

PROTECTIVE CAP

RECOMMENDED PANEL CUT OUT
(NOT TO SCALE)

ACROSS THE WORLD. AROUND THE CORNER.
www.amphenol-antennas.com