



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 RFS 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.

FEATURES / BENEFITS

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

[External Document Links](#)

[Notes](#)

Technical features

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

ELECTRICAL SPECIFICATIONS

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

TEMPERATURE SPECIFICATIONS

Operation Temperature	°C (°F)	-55 to 165
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PACKAGING INFORMATION

Package Quantity		1
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