



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 Technologies 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

- Superior IM performance for reliable long-term operation
- Excellent electrical performance, low VSWR, low insertion loss
- Waterproof to IP68
- Totally maintenance free
- Compliant to RoHS (EU 2002/95/EC) and CRoHS (China SJ/T11363-2006) i.e. usable on a global basis.



PD395

[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		Type N

MECHANICAL SPECIFICATIONS

Configuration		N Female - N Female
Connector A		N Female
Center Contact Connector A		Brass, silver plated
Outer Contact Connector A		Brass, white bronze
Connector B		N Female
Center Contact Connector B		Brass, silver plated
Outer Contact Connector B		Brass, white bronze
Body		Brass, white bronze
Dielectric		PTFE

ELECTRICAL SPECIFICATIONS

VSWR, Return Loss	VSWR (dB)	1-1000 MHz: 1.1 (26.4)
Insertion Loss, dB (Max)	dB	< 0.05
Power handling		500 W

TEMPERATURE SPECIFICATIONS

Operation Temperature	°C (°F)	-45 to 85 (-49 to 185)
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PACKAGING INFORMATION

Package Quantity		1
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