



The CSD-900 coaxial surge diverter is installed between the antenna and the Elpro module to reduce lightning surge voltages from entering the module and can be mounted directly to the Elpro module. A surge diverter is normally not required where an antenna is surrounded by a lot of steelwork, as in an industrial plant. The CSD-900 is recommended where the antenna installation is NOT surrounded by steelwork, or in areas of high electrical storm activity where additional protection is desired.

The CSD-900 is suitable for Elpro's 869MHz and 900MHz products. It requires additional weatherproofing if used externally.

If the module is mounted in a high vibration area or if large diameter coaxial cable (low loss) is being used, then the CSD-900 should not be mounted directly onto the module. In these circumstances a short coaxial "tail" should be inserted between the module and the CSD-900.

The CSD-900 will only work effectively with a good ground connection. The ground connection on the CSD-900 and the ground connection on the Elpro module must be connected together. The common ground should be connected to the same ground point as the antenna mounting.



Warning

Do not stay near operating equipment during an electrical storm. The suppressor will not provide protection to personnel.

Specification

Suppressor Make	Atlantic Scientific	Construction	Plated brass
Type	Coaxial suppressor	Connectors	SMA (m) to SMA (f)
Frequency	< 2.5 GHz	Overall kit loss	< 0.2db
Impedance	50 Ohms	Mount	direct to module (except high vibration)
Dimensions:	1-5/8" x 7/8"		

Telemetry made easy by
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Part No CSD-900

Available from: