



ASE ComCenter II Outdoor / Citadel – Enhanced Lightning Protection

ASE's ComCenter II Outdoor is unique in that it eliminates the antenna cabling and associated dB loss issues. A consequence of eliminating the antenna cable run involves protecting the unit from lightning induced transients, which is typically achieved in other products by applying lightning arresters in the antenna cable run.

Instead of a long antenna cable run, the ComCenter II Outdoor uses a long composite voice/data/power cable. The voice and data interfaces are ground isolated, and all interfaces, including power have ESD and transient protection. Earth grounding connections are made at the power source via included AC/DC power adapter, optional back-up UPS system, or direct DC connection to alternate power source.

Additional lightning induced transient protection can be achieved by grounding the conduit that the composite cable is routed through, as well as grounding the ComCenter II's mounting bracket to same grounded conduit. Providing an additional low impedance ground path to the building or vessel's superstructure, directly at the installation point, will further shield the composite cable from lightning induced transients.