

Gila - Duct[®] by Draka Protects Runway Approach Lights



GILA - DUCT[®] manufactured by Draka Cableteq protects new cable for runway approach lights at Eastern Iowa Airport in Cedar Rapids

The FAA has recently undertaken runway improvements and extensions at several airports in the mid-west; this has resulted in the need for new approach lights to be installed. Draka Cableteq USA's GILA - DUCT, a galvanized steel interlocked armored H.D.P.E. duct was selected for this project. GILA - DUCT[®] offers ease of installation in a number of direct buried applications including open trench, directional boring, and plowing.



The flexibility of Draka's GILA - DUCT also allows for field bends without any special fittings or transitions. The 25 mil thick steel armor offers superior mechanical protection for the critical circuits of these cables.

Also, tests have shown that the average lightning resistivity of GILA - DUCT is up to 200kV. The H.D.P.E. inner duct offers low coefficient of friction and a smooth core for trouble free cable pulls.

During the Eastern Iowa Airport installation, 1500' of 3" GILA - DUCT and 11,000' of 2" Gila - Duct was installed in parallel runs in an open trench. Both GILA - DUCTS connected in a loop then extended to a main stem off the main airport property.



At that point four 2" GILA - DUCTS were bored 180' feet under an existing roadway and railroad tracks connecting again to GILA-DUCTS installed in a 600' long open trench.

All the ducts were brought directly to concrete manholes and the armor was grounded using a jumper and ground rod. Installation was quick and easy with no PVC spacers or special bedding material required for the ducts. The bends were achieved by using the natural flexibility of the Gila-Duct[®] allowing ducts to be placed in the trench that had several different radius bends without need of special fittings.



The installation was done in several coordinated stages with the runway work and the final directional bore tying all the ducts together. Additional installations are planned using this cost effective, easy to install, labor saving protective duct.

For More Information Call

800-233-3190

or

570-385-4381