

SkyLink™ DP

SkyLink DP SPECIFICATIONS

SKYLINK EQUIPMENT

SKLINK DP
C100 SkyLink Deployable Omni Antenna
SkyLink Control System

SKYLINK ANTENNA

Size Long Mast 32.5" + antenna (standard)
Size Short Mast 19.1" + antenna (optional)
Frontal Area 67 square inches + antenna
Weight 15 lbs (excluding mounting bracket)
Input Voltage BusA primary 28 VDC (supplied by Pilot Panel)
Input Voltage BusB secondary 28 VDC (supplied by C100 Control Headl)
Input Current 0.5A nominal, 5.0A max with external radios

Control Full digital (RS-485) control interface utilizing AirTalk Protocol
Airborne Characteristics VNE > 200 knots
Drag @ 120 knots = 22 lbs.

Antenna Application Specific Available Options:
Type Omni
Frequency Bands: 1.7GHz to 15GHz (specified)
Antenna Gains: 2dBi / 4dBi / 6dBi nominal
Polarizations: LCP / RCP / Vertical

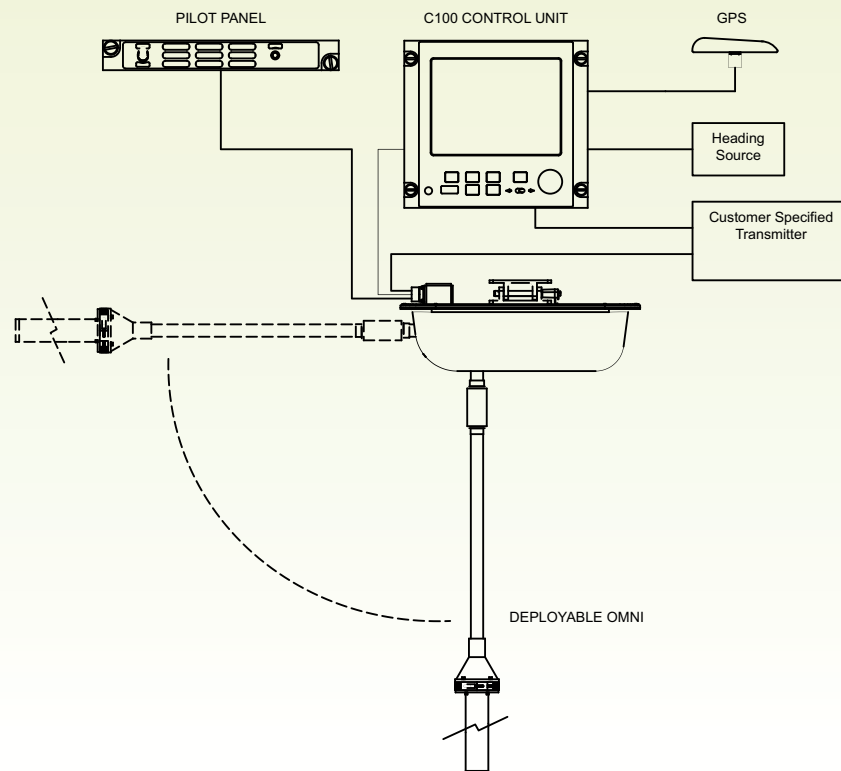
Options:
Aircraft Mounting Specify aircraft model

Visit us at our web site for a product and corporate information session. See video imagery of this system.

www.trollsystems.com

Troll Systems has a policy of continuous product improvement. Specifications are, therefore, subject to change without notice.

SkyLink DP SYSTEM CONFIGURATION (typical)



C100 Control Unit

AIRBORNE PRODUCTS

SKYLINK™ DP DEPLOYABLE OMNI ANTENNA

The SkyLink DP is a ruggedized deployable airborne omni antenna system. Designed to mount to the skid crosstube or aircraft step, the SkyLink DP deploys below the landing skids, eliminating interference caused by the airframe, skids, and external payloads (such as camera systems and searchlights). Built with safety in mind, the mast of the SkyLink DP has a frangible link that will break away should the helicopter attempt to land with the antenna deployed.

Available in a variety of frequency bands from 1.5 GHz to 15 GHz, Troll Systems works with you to develop a system optimized to meet your requirements. Primarily an application specific design, the SkyLink DP's omni antenna can be customized to transmit within the parameters you establish.

Deployment is controlled via a pilot panel which shows the position of the antenna and allows the pilot to lock the antenna in the up/safe position for landing. Add Troll's powerful C100 control head and pilot panel for a complete transmission system. The C100 controls all on-board microwave equipment including radios and encoders. At less than 20 lbs. total weight and 22 lbs drag @ 100 knots, the SkyLink DP is appropriate for all aircraft types.

The C100's moving map is a great spatial awareness tool, indicating the position of the aircraft while simultaneously displaying the location of the remote receive sites.



Typical Application



SkyLink™ DP Deployable Omni Antenna

- ▶ Ruggedized Construction
- ▶ Unique Frangible Safety Link
- ▶ Available 1.5 GHz to 15 GHz Antennas
- ▶ Easy to Install and Operate

