Gogo AVANCE™ L3/L5/L5i System Kits

INTRODUCTION

Carlisle Interconnect Technologies is pleased to offer turnkey integration kits for the Gogo AVANCE™ L3/L5/L5i Air-to-Ground (ATG) system. These kits are ideal for all installations where customized engineering is expensive and unnecessary.

Coax and Harness kits are engineered to custom cabling lengths and connectors to match your installation needs. The trays are engineered per the Gogo specification. CarlisleIT’s engineering team is available to answer questions and provide guidance on selecting the perfect combination of components for your specific application.

FEATURES & BENEFITS

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<th>Feature</th>
<th>Benefit</th>
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<td>ATG, WiFi &amp; TM Coax Cable Kits</td>
<td>Custom lengths and fully terminated coax cables</td>
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<td>AVANCE Trays</td>
<td>Designed and qualified per AVANCE specifications</td>
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<td>Ethernet, DataBus and USB Harness Kits</td>
<td>Custom length and partially terminated harnesses</td>
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TRAYS

The trays are designed per the AVANCE system specifications, equipped with dual fans to properly cool the system as well as a relay switch that activates the fan power when the LRU is installed. Additional custom options are available upon request. Contact the CarlisleIT engineering to confirm the right tray for your application.

Avance L3 Tray P/N: 200-104609-101

Avance L5/L5i Tray P/N: 200-104624-101
**Gogo AVANCE™ L3/L5/L5i System Kits**

**COAX KITS — L3/L5i ATG COAX KITS**

ATG coaxial cable kits are engineered to specify your required length and optimized for loss and attenuation dependent upon your installation length. Various cable types and connector variations (Straight or Right Angle) or available to optimize your installation needs. The kits are designed for both Omni & Dual antenna configurations. Just plug and play!

**WiFi & TM COAX KITS**

WiFi & TM coaxial cable kits are engineered to specify your required length and optimized for loss and attenuation dependent upon your installation length. Various cable types with straight connector are available to optimize your installation needs. Just plug and play!

Please refer to the configurator worksheet below and linked drawing to generate your cables based on how many TM & WiFi antennas are required. SMA coax connectors are automatically chosen based on Cable Type and Connector Configuration. Cables are ordered a la carte.

Learn more: CarlisleIT.com/products/integrated-structures/satcom
ATG coaxial cable kits are engineered to specify your required length and optimized for loss and attenuation dependent upon your installation length. Various cable types and connector variations (Straight or Right Angle) or available to optimize your installation needs. The kits are designed for both Dual ATG/Directional Antenna or Dual ATG/Directional & Fractal Antenna configurations. Just plug and play!

AVANCE L5 Dual ATG/Directional and Fractal Antenna
Example P/N: 500-104967-2001B/2401A/5405C/2201B

AVANCE L5 Dual ATG/Directional Antenna
Example kit P/N: 500-104821-2001B/5405C

For more information, drawings and configuration worksheets, visit: CarlisleIT.com/products/integrated-structures/satcom
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HARNESS KITS

Connector harness kits are engineered to specify your desired lengths for each aircraft bus location and system specified in the installation manual. Please refer to the following worksheets to build your P1, P2 and P3 harnesses.

All harnesses are terminated at the connector end and capped at the A/C end. Ethernet, DataBus, USB, & Discrete wires specified in the installation manual are used to populate the connector harnesses. The harnesses also include the mating backshells for P1, P2 and P3.

Additional bulk wire & cable can be purchased separate from the harnesses to accommodate additional ethernet and databus connections.

AVANCE P1 Harness
Example P/N 600-10511-120/024/020/018

AVANCE P2 Harness
Example P/N 600-104968-180/144/212/048/284

AVANCE P3 Harness
Example P/N 600-10512-132/064/302/288/048

See CarlisleIT’s line of SATCOM Kits at:
CarlisleIT.com/products/integrated-structures/satcom

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