

INNOVATIVE AND RELIABLE CABLE SOLUTIONS FOR HONEYWELL INTEGRATED AVIONICS

PIC Wire & Cable has designed, developed and worked with Honeywell to approve the use of the cables below for Honeywell's leading edge **Primus Epic®** and **Apex® Integrated Avionics Systems**.

PIC Cable solutions meet the general performance requirements set forth in the Honeywell Systems' Requirements Document. However, as an important benefit, PIC Cables have been engineered to exceed the general performance requirements of the system and to meet PIC's internal guidelines for cable solutions optimized for aircraft usage. With over 40 years of experience in developing reliable cable solutions PIC has ensured these aircraft cables are designed for the most optimal balance between design features and your total life cycle cost of installing and maintaining the electrical wiring system.

Approved Cable	Epic/Apex Wire Type	EPIC and APEX Interface Application
P/N T12243	ASCB-D Data Bus Cable (125 Ohn TSP)	EPIC ASCB and AV-900 Digital Mic Bus*
P/N T69654	ASCB-C Data Bus Cable (125 Ohn TSP)	Servo CAN Bus, and Digital Audio Bus
P/N L8620TX	50 Ohn Triax Cable	10Base2 Epic LAN Triax (Not for use with GPS antenna)
P/N E51424	LVDS RIB Cable	EPIX APEX System
P/N S86208	50 Ohn Coax	GPS Antenna Coax
P/N E51524	LVDS RIB Cable	Remote Image Bus
P/N V76261	75 Ohn Coax, Double Shielded	Video Camera Coax
P/N F20424	150 Ohn Quad Cable	Fibre Channel Cable
P/N D620224	70 Ohn (differential Z), 2 Conductor	Wx Picture Bus, Data Bus Cable
P/N D611122	70 Ohn (differential Z), 11 Conductor	LSZ-850 Lightning Sensor Antenna Cable
P/N L2201TX	50 Ohn Triax	ADF Antenna Triax

Electrical Wiring System Specifications

- **Flammability.** All Cables meet the Electrical System Components flammability section [(a)(3)] of FAR Part 25 Appendix F, Part 1.
- **Environmental.** All Cables are Skydrol resistant.
- **Internal Component Temperature Rating.** All components of the PIC Cable meet and exceed an upper temperature range of at least 150 degrees C.
- **Jacket Temperature Rating.** The outer jacket of all PIC cable types meets or exceeds an upper temperature range of at least 150 degrees C.
- **Parts Marking.** All specialized PIC cables are marked with the manufacturer and P/N visible on the outer jacket.



*Cable and Standard Connectors are available from Stock!
Can also be used in place of the ASCB-C Data Bus Cable.

