

PROVEN SOLUTIONS PARTNER HIGH SPEED DATA CABLES

PIC Wire & Cable has a wide variety of high speed data communications cable specifically designed and manufactured for reliable performance in aircraft systems and other harsh environments involving high temperature, strong EMI and/or corrosive materials. Ethernet, StarQuad, Fibre Channel, Digital Video and USB cables are available. All PIC high speed data communications cables are Skydrol resistant, RoHS compliant, meet the FAA flammability requirements of FAR Part 23 and 25 Appendix F, and they comply with MIL-C-17 as applicable.

For over 35 years, PIC Wire & Cable has been a global provider of electronic cables, cable connectors, cable assemblies and antenna gaskets for demanding military, corporate and commercial applications that include airplanes, helicopters, ground vehicles, rail transport and marine vessels. PIC cables, connectors and cable assemblies are widely specified for use in major aerospace and military systems throughout the world.

- Local Area Networks (LAN)
- Integrated Services Digital Networks (ISDN)
- In-flight Communications • Video Displays

Physical and Electrical Data

All values nominal unless otherwise noted

Cable	Type	Ohms	Performance	Pairs	AWG	Cable O.D. (Inches)	Weight (lbs/100 ft)	Application Notes
E10222	Ethernet	100	10/100 Base-T (Cat 5e)	1	22	0.189	2.3	Dual Shield, Laser Markable Jacket
E10224	Ethernet	100	10/100 Base-T (Cat 5e)	1	24	0.171	2.1	Honeywell RS170 Camera
E60224	Ethernet	100	10/100 Base-T (Cat 5e)	1	24	0.102	0.9	Unshielded
E10422	Ethernet	100	10/100 Base-T (Cat 5e)	2	22	0.260	5.6	Dual Shield, Laser Markable Jacket
E10424	Ethernet	100	10/100 Base-T (Cat 5e)	2	24	0.210	3.2	Dual Shield
E40424	Ethernet	100	10/100 Base-T (Cat 5e)	2	24	0.210	2.9	Dual Shield, Laser Markable Jacket
E50824	Ethernet	100	10/1000 Base-T (Cat 6)	4	24	0.265	4.8	Category 6 Performance
E6A0824	Ethernet	100	10G Base-T (Cat 6a)	4	24	0.275	5.5	Category 6a Performance
E20424	Ethernet	100	10/100 Base-T (Cat 5e)	2	24	0.270	4.6	Individual Shielded Pairs
E30424	Ethernet	100	10/100 Base-T (Cat 5e)	2	24	0.377	7.9	Individual Shielded & Jacketed Pairs
E30824	Ethernet	100	10/100 Base-T (Cat 5e)	4	24	0.454	13.0	Individual Shielded & Jacketed Pairs
E31024	Ethernet	100	10/100 Base-T (Cat 5e)	5	24	0.491	15.4	Individual Shielded & Jacketed Pairs
E50424	StarQuad	100	10/100 Base-T	2	24	0.175	3.0	Star Quad 10/100 Base-T
E51424	StarQuad	100	10/100 Base-T	2	24	0.161	2.2	10% Lighter, Easy Termination
USB2422	USB	90	USB 2.0	2	24/22	0.180	2.4	Laser Markable Jacket
DVI50824	Digital Video	100	Digital Video	4	24	0.235	4.8	Low Skew
F20424	Fibre Channel	150	1000 Mbit	2	24	0.242	3.2	Honeywell APEX/EPIC



ISO 9001
AS 9100 - Rev B

Additional cables available - visit www.picwire.com

MILITARY - CORPORATE - COMMERCIAL