AIRMAX VS®

HIGH SPEED BACKPLANE CONNECTORS

FEATURES & BENEFITS

- A full set of building blocks for Vertical Header or Vertical receptacle on backplane, co-planar, mezzanine, and cable-to-board applications in Hard Metric building practices
- Uses air dielectric between adjacent conductors to deliver low insertion loss and crosstalk
- High-speed serial data rates that can scale from 2.5Gb/s to beyond 12.5Gb/s without requiring a redesign of the basic platform
- Opposed dual-beam receptacle
- Contact structure provides high reliability
- Contains no interleaving shields reducing connector weight, cost, and PCB routing complexity
- Available with Power and guide accessories
- "Eye of the Needle" (EON)-compliant tail for press-fit PCB termination
- Lead-free and RoHS-compatible

APPLICATIONS

Data

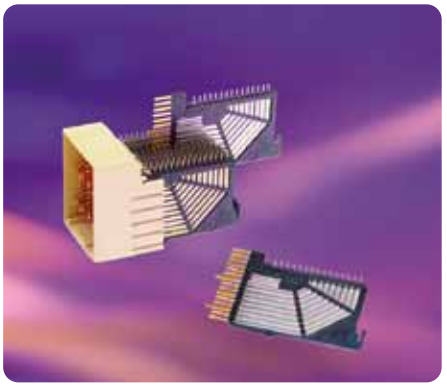
- Servers
- Storage systems

Communications

- IP routers
- IP Switches & gateways
- ATM switches
- IP PBX's
- Enterprise routers
- 3G Base stations
- ATCA® Zone 3

Industrial

- Medical
- Test & measurement



AIRMAX VS® QUICK SELECTOR GUIDE

	# Contacts per module	# Differential pairs per module	Nominal Plug In Unit pitch [mm]	Contact pitch (columns)	Header Drawing Number	Receptacle Drawing Number	Impedence [Ω]
APPLICATION: BACK PANEL, GENDER: RIGHT ANGLE HEADER, VERTICAL RECEPTACLE							
"5 pair"	150	50	25	2 mm	10025613 10016527	10016537	100
	150	50	25	3 mm	10037324 10037323	10035146	100
	150	50	25	2 mm	10097311	10099767	85
	150	50	25	3 mm	10087771	10099768	85
	120	40	25	3 mm	10064489 10064488	10064493	100
	120	40	25	2 mm	10041460 10041746	10040993	100
"4 pair"	120	40	20	2 mm	10028436 10029391	10028264	100
	120	40	20	3 mm	10035515 10035514	10035465	100
	96	32	20	2 mm	10052838 10052837	10052842	100
	72	24	20	2 mm	10052825 10052824	10052829	100
"3 pair"	90	30	17	2 mm	10034249 10034264	10034251	100
	72	24	17	2 mm	10045267 10045266	10045271	100
	54	18	17	2 mm	10039851 10040862	10043546	100
	54	18	17	2 mm	10097256	10096461	85

Further information can be found at:
www.fciconnect.com/airmax
www.fciconnect.com/highspeed