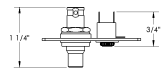
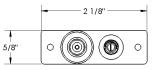
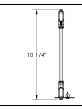
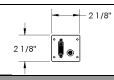
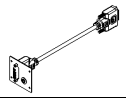
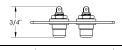
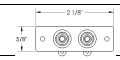
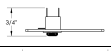
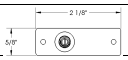
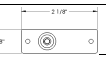
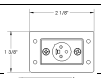
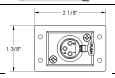
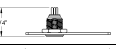
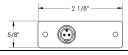
AVIP Connector Specifications

Part Number	Description	Specifications	Photos	
Computer Connectors				
AV1000BK	One 15 Pin HD Female to Female, single plate	VGA Connector, 15 pin female to female Insulator: PBT glass fiber reinforced UL 94 VO (black) Contact: Brass Contack plating: Gold plated over nickel Shell: Tin plated	Top Front	ISO Right
AV1002BK	One 15 Pin HD Female to Five BNC on 4" Pigtails, single plate	VGA to BNC Connector, 15 pin female to 5 BNC female Contact resistance: 10 Ω Insulation resistance: 5 MΩ Dielectric withstanding voltage: 300 VDC / 10 msec Contact: Brass Contack plating: Gold plated over nickel Shell: Tin plated	Top Front	ISO Right
AV4000BK	One 9 Pin HD Female to Female, single plate	VGA connector, 9 pin female to female Insulator: PBT glass fiber, reinforced UL 94 (blue) Contact: Brass Contack plating: Gold plated over nickel Shell: Tin plated	Top Front	ISO Right
AV4005BK	One USB B Female to USB A Female Adapter, single plate	USB A female to female Contact resistance: 10 Ω Insulation resistance: 5 MΩ Dielectric withstanding voltage: 300 VDC / 10 msec	Top Front	ISO Right
Video Connectors				
AV2002BK	One RCA Female to BNC Female Adapter, single plate	BNC bulkhead jack to RCA jack adapter Contact resistance: Center conatct: 5 mΩ, max at 0.2 VDC, 1 amp Outer contact: 2 mΩ, max at 0.2 VDC, 1 amp Insulation resistance: 500 mΩ min Dielectric withstanding voltage: 500 VAC for 1 minute	Top Front	ISO Right
AV2003BK	Two RCA Female to BNC Female Adapters, single plate	BNC bulkhead jack to RCA jack adapter Contact resistance: Center conatct: 5 mΩ, max at 0.2 VDC, 1 amp Outer contact: 2 mΩ, max at 0.2 VDC, 1 amp Insulation resistance: 500 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute	Top Front	ISO Right
AV3000BK	One HDMI Female to Female Barrel, single plate	HDMI 19 Pin female to female Contact resistance: 10Ω Insulation resistance: 5 MΩ Dielectric withstanding voltage: 300 VDC / 10 msec	Top Front	ISO Right
AV5000BK	One BNC Female to Female Barrel, single plate	BNC bulkhead female to female Contact resistance: 3 mΩ, max at 1 amp Insulation resistance: 1000 MΩ Dielectric withstanding voltage: 1500 VAC for 1 minute Frequency range: 0-4 Ghz VSWR: 1.2 max 0-2 Ghz Impedance: 75 Ω	Top Front	ISO Right
AV5001BK	Two BNC Female to Female Barrels, single plate	BNC bulkhead female to female Contact resistance: 3 mΩ, max at 1 amp Insulation resistance: 1000 MΩ Dielectric withstanding voltage: 1500 VAC for 1 minute Frequency range: 0-4 Ghz VSWR: 1.2 max 0-2 Ghz Impedance: 75 Ω	Top Front	ISO Right
AV5002BK	Three BNC Female to Female Barrels, double plates	BNC bulkhead female to female Contact resistance: 3 mΩ, max at 1 amp Insulation resistance: 1000 MΩ Dielectric withstanding voltage: 1500 VAC for 1 minute Frequency range: 0-4 Ghz VSWR: 1.2 max 0-2 Ghz Impedance: 75 Ω	Top Front	ISO Right
AV5004BK	One Display Port Female to One Display Port Female on 10" Pigtail, single plate	Display Port 20 Pin female to female Contact resistance: 10Ω Insulation resistance: 5 MΩ Dielectric withstanding voltage: 300 VDC / 10 msec	Top Front	ISO Right
AV9010BK	One F-Connector Female to Female Barrel, single plate	F81 bulkhead female to female Contact resistance: 5 mΩ Insulation resistance: 500 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute Impedance: 75Ω nominal VSWR: 1.2 max 0-1.500 Mhz	Top Front	ISO Right

Audio/Video Connectors

AV2004BK	One RCA Female to BNC Female Adapter, One 3.5mm Stereo Mini Jack to Solder tabs, single plate	BNC bulkhead to jack to RCA jack Contact resistance: Center contact: 5 mΩ max at 0.2 VDC, 1 amp Outer contact: 2 mΩ max at 0.2 VDC, 1 amp Insulation resistance: 500 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute 3.5 MM stereo jack Contact resistance: 30 mΩ max Insulation resistance: 100 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute Life test: 5000 cycles unloading (20-30 cycles per minute)	 Top  Front	 ISO Right
AV5005BK	One DVI F/F Barrel with 3.5mm Stereo with solder tabs, triple plate	DVI 29 pin female to female Contact resistance: 10 mΩ max Insulation resistance: 5 MΩ min Dielectric withstanding voltage: 300 VDC / 10 msec 3.5 mm stereo jack Contact resistance: 30 mΩ max Insulation resistance: 100 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute Life test: 5000 cycles unloading (20-30 cycles per minute)	 Top  Front	 ISO Right

Audio Connectors

AV6001BK	Two RCA Female to Solder Cups White, single plate	RCA phone jack Delrin insulator color: red and white Nut & center pin: Nickel plate over bronze	 Top  Front	 ISO Right
AV7000BK	One 1/4" Stereo Phone Female to Solder Tabs, single plate	1/4" stereo jack with solder tabs Contact resistance: 30 mΩ max Insulation resistance: 100 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute	 Top Front	 ISO Right
AV7004BK	One 3.5mm Stereo Mini Jack to Solder Tabs, single plate	3.5 mm stereo jack with solder tabs Contact resistance: 30 mΩ max Insulation resistance: 100 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute Life Test: 5000 cycles unloading (20-30 cycles/min)	 Top  Front	 ISO Right
AV7005BK	One 3.5mm Stereo Mini Jack to Captive Screw Term, single plate	3.5 mm stereo jack with captice screw terminal Contact resistance: 30 mΩ max Insulation resistance: 100 MΩ min Dielectric withstanding voltage: 500 VAC for 1 minute	 Top  Front	 ISO Right
AV8008BK	One XLR 3-pin Male to Solder cups, double plates	XLR 3 pin male Metal shell: Die cast zinc alloy, nickel plated Insulator: ABS, gray Contact resistance: 50 mΩ max Insulation resistance: 1000 MΩ min Dielectric withstanding voltage: 1000 VAC for 1 minute Current rating: 15A @ 125 VAC	 Top  Front	 ISO Right
AV8009BK	One XLR 3-pin Female to Solder cups, double plates	XLR 3 pin female Metal shell: Die cast zinc alloy, nickel plated Insulator: ABS, gray Contact resistance: 50 mΩ max Insulation resistance: 1000 MΩ min Dielectric withstanding voltage: 1000 VAC for 1 minute Current rating: 15A @ 125 VAC	 Top  Front	 ISO Right
AV8010BK	One Mini XLR 3-pin Male to Solder Cups, single plate	Mini XLR 3 pin male Contact resistance: 50 mΩ max Insulation resistance: 500 MΩ Dielectric withstanding voltage: 1000 VAC for 1 minute Current rating: 5A @ 125 VAC	 Top  Front	 ISO Right