

Note: This document applies to Kratos RT Logic, Inc.

PRODUCT	ioPLEX product Line
MODEL NAME	See attached Price List Part Numbers

End of Life Notification

Kratos Defense is announcing the End of Life (EoL) of the ioPLEX product line effective March 15, 2023.

Background

Kratos Defense has determined that availability of critical components necessary to manufacture ioPLEX chassis and cards are no longer available and all sales of ioPLEX will end as of June 30, 2023.

Resolution

As part of the End of Life process, Kratos will take orders for ioPLEX spares and replacement parts when possible, up to the official End of Sale date which is June 30, 2023. All ioPLEX parts purchased by the End of Sale Date will be covered by a full one year warranty. Inventory for ioPLEX parts is limited. Kratos will attempt to fulfill purchase orders placed prior to June 30, 2023 from inventory. In the event all product is sold before June 30, 2023, Kratos reserves the right to refuse the purchase.

Existing products under warranty will continue to be supported. Existing products with a Maintenance and Support (M&S) agreement will continue to be supported according to the terms and conditions in the contract. M&S agreements will be offered for the ioPLEX customers up to December 31, 2025. All units, existing and those sold by June 30, 2023, will have an effective End of Service Life on December 31, 2025, after which Kratos will not offer any repair or maintenance contracts on the product.

Additional information is provided in the *ioPLEX EoL FAQs*.

CONTACT INFORMATION FOR TECHNICAL QUESTIONS:

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ioPLEX Price List Part Numbers and Descriptions

NOTE: this list represents all ioPLEX parts sold since the product was launched, including SKUs that have gone obsolete.

IOP-1000	Non-Redundant ioPLEX Gateway 19 inch Base System with 110/220 VAC Power Supply and CPU	ioPLEX Non-Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Single CPU, Single 110/220 VAC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Must specify System Software version with order. Reference: IOP-4004, IOP-4600, IOP-4400 and IOP-4700. *Please note removable blank panels will already be installed for unused slots.
IOP-1002	Non-Redundant ioPLEX Gateway 19 inch Base System with 110/220 VAC Power Supply and CPU2	ioPLEX Non-Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Single CPU2, Single 110/220 VAC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Must specify System Software version number with order. Reference: IOP-4004, IOP-4640, IOP-4400 and IOP-4700.. *Please note removable blank panels will already be installed for unused slots.
IOP-1010	Redundant ioPLEX Gateway 19 inch Base System, dual 110/220 VAC Power Supplies and dual CPU	ioPLEX Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Dual CPU, Dual 110/220 VAC Power Supplies, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Must specify System Software version number with order. Reference: IOP-4004, IOP-4600, IOP-4400 and IOP-4700. *Please note removable blank panels will already be installed for unused slots.



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IOP-1012	Redundant ioPLEX Gateway 19 inch Base System, dual 110/220 VAC Power Supplies and dual CPU	ioPLEX Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Dual CPU2, Dual 110/220 VAC Power Supplies, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD Must specify System Software version number with order. Reference: IOP-4004, IOP-4640, IOP-4400 and IOP-4700. *Please note removable blank panels will already be installed for unused slots.
IOP-1020	Non-Redundant ioPLEX Gateway 19 inch Base System, 24 VDC Power Supply and CPU	ioPLEX Non-Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Single CPU, Single +24VDC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. *Please note removable blank panels will already be installed for unused slots.
IOP-1030	Redundant ioPLEX Gateway 19 inch Base System, dual 24 VDC Power Supplies and dual CPU.	ioPLEX Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Dual CPU, Dual +24 VDC Power Supplies, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. *Please note removable blank panels will already be installed for unused slots.
IOP-1040	Non-Redundant ioPLEX Gateway 19 inch Base System, -48 VDC Power Supply and CPU.	ioPLEX Non-Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Single CPU, Single - 48VDC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Must specify System Software version number with order. Reference: IOP-4004, IOP-4600, IOP-4400 and IOP-4700. *Please note removable blank panels will already be installed for unused slots.
IOP-1050	Redundant ioPLEX Gateway 19 inch Base System, dual -48 VDC Power Supplies and dual CPU.	ioPLEX Redundant Common Equipment - 2U Chassis, 19 inch Rackmount, Dual CPU, Dual -48 VDC Power Supplies, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Must specify System Software version number with order. Reference: IOP-4004, IOP-4600, IOP-4400 and IOP-4700. *Please note removable blank panels will already be installed for unused slots.



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IOP-A0100	ioPLEX Chassis - 2U Chassis, 19 inch rackmount front/rear horizontal slots, backplane, blank panels	2U Chassis, 19 inch rackmount, 8 each front/ 4 each rear horizontal I/O slots, backplane, blank panels, and mounting brackets. Specify 110/220 VAC, -48 VDC or 24 VDC power supplies. Reference: IOP-4004
IOP-A0101	ioPLEX Chassis - 2U Chassis, 19 inch rackmount front/rear horizontal slots, backplane, blank panels, and fan tray	2U Chassis, 19 inch rackmount, 8 each front/ 4 each rear horizontal I/O slots, backplane, blank panels, mounting brackets, and fan tray. Specify 110/220 VAC, -48 VDC or 24 VDC power supplies. Reference: IOP-4004 and IOP-4000
IOP-A0500	CPU and Software	CPU Module occupies one front slot, two CPUs required for redundant configuration, includes Flash Drive and System Software. Must specify System Software version number with CPU order. Reference: IOP-4600
IOP-A1200	Flash Memory Module - 256MB	Flash Memory Module - minimum 256MB for CPU Module (IOP-A0500). Reference: 000003134
IOP-A0501	CPU2 and Software	CPU Module occupies one front slot, two CPUs required for redundant configuration, includes Flash Drive and System Software. Must specify System Software version number with CPU order. Reference: IOP-4640
IOP-A1201	Micro SD - 4 GB	Mico SD Memory Module - 4 GB Class 4 for CPU2 Module (IOP-A0501). Reference: 000006090
IOP-A0300	Timing Clock Card	External timing interfaces for BITS and composite clock inputs, and installed in rear equipment slot on chassis. Reference: IOP-4700
IOP-A0200	110/220 VAC Power Supply	110/220 VAC 50/60 HZ Power Supply (auto configures), 150 watts capacity, and installs into dedicated equipment slots in front of the chassis. Two power supplies required for redundant configuration. AC Cordset to be ordered separately. Reference: IOP-4400
IOP-A0201	24 VDC Power Supply	24 VDC Power Supply, 150 watts capacity, and installs into dedicated equipment slots in the front of the chassis. Two power supplies required for redundant configuration.



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IOP-A0202	-48 VDC Power Supply	-48 VDC Power Supply, 150 watts capacity, and installs into dedicated equipment slots in the front of the chassis. Two power supplies required for redundant configuration. Reference: IOP-4450
IOP-A0400	Fan Assembly	Multi-Fan Assembly that installs in dedicated equipment slot in front of chassis. Reference: IOP-4000, 00002868 (Rittal)
IOP-A1102	Air Filter	Foam air filter with aluminum frame. Reference: IOP-4002
IOP-A1103	Blank Panel - Front I/O Slot	Aluminum blank panel for front I/O slots
IOP-A1104	Blank Panel - Rear I/O Slot	Aluminum blank panel for rear I/O slots
IOP-A1105	Blank Panel - Power Supply Equipment Slot	Aluminum blank panel for power supply equipment slot
IOP-A1107	Converter blank panel	Blank panel for Converter Mounting Panel. Use this blank panel for covering unused openings on IOP-PP0103 Reference: 00004468
IOP-A0900	Installation Kit	Installation kit - ioPLEX 10xx 2U Chassis- Screws, Serial cable, and Installation documentation
IOP-A1106	Product Information CD	ioPLEX Product Information Library on CDROM Media
IOP-A0820	Voice, 2-wire FXS 6-port	Module for Rear I/O Slot, Voice, 2-wire FXS 6-port, supporting ATM (AAL1 and AAL2) and TDMoIP transport. Reference: IOP-6610
IOP-A0821	Voice, 2-wire FXO 12-port	Module for Rear I/O Slot, Voice, 2-wire FXO 12-port, supporting ATM (AAL1 and AAL2) and TDMoIP transport. Reference: IOP-6620
IOP-A0822	Voice, 2/4-wire E&M 4-port	Module for Rear I/O Slot, Processor Capacity for 4-ports SHDSL (ITU-T G.991.2 compliant, 1.5 Mbps unframed, symmetric), Protocols Supported - CES ** Enhancement planned for Future Release **



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IOP-A0850	DS1/E1 I/O Processor Module and 12-port LIM	Module for Rear I/O Slot, Processor Capacity for 24-ports DS1 Channelized to DS0 level, Unframed E1, Integral CSU, Protocols Supported - CES. *** Ability to be configured in paired redundant configuration for hardware protection of up to 24-ports DS1/Unframed E1 (2 each IOP-A0851) Redundancy Planned with Future Release. Reference: IOP-4510 and IOP-4520
IOP-A0851	DS1/E1 I/O LIM Module with 12-ports	Line Interface Module for Rear I/O Slot providing 12-ports, Connector Type RJ48C, Compatible with Long/Short Haul Configurations. Physical Interface for IOP-A0850 I/O Processor Module. Reference: IOP-4520
IOP-A0852	DS1/E1 I/O Processor Module	Module for Rear I/O Slot, Processor Capacity for 24-ports DS1 Channelized to DS0 level, Unframed E1, Integral CSU, Protocols Supported - CES. *** Enhancement for redundant paired configuration. Hardware protection of up to 24-ports DS1/Unframed E1 with feature support. Redundancy Planned with Future Release. Reference: IOP-4510
IOP-A0880	SHDSL Processor Module with 4-ports	Module for Rear I/O Slot, Processor Capacity for 4-ports SHDSL (ITU-T G.991.2 compliant, 1.5 Mbps unframed, symmetric), Protocols Supported - CES. *** Enhancement planned for supporting 4 SHDSL streams in Future Release *** Reference modified IOP-4510
IOP-A0856	DS3 I/O Processor Module with 4-port	Module for Rear I/O Slot with 4-ports, Processor Capacity for 4-port DS3, Connector Type: BNC with Integral CSU, Protocol Supported: CES. Reference: IOP-6100
IOP-A0853	OC-3c and Serial I/O ATM Processor Module with 1-port	Module for Front I/O Slot with Processor Capacity for 1-ports OC-3 UnChannelized, Connector Type: SFP and Serial Electrical format EIA-530, Sync, Protocol Supported: ATM. Reference: IOP-4100
IOP-A0853P	OC-3c and Serial I/O POS/GFP Processor Module with 1-port	Module for Front I/O Slot with Processor Capacity for 1-ports OC-3 UnChannelized, Connector Type: SFP and Serial Electrical format EIA-530, Sync, Protocol Supported: GFP/POS

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IOP-A0854	SFP - Single-mode Fiber Optic module for OC-3 (1310nm-15km)	SFP - Single-mode Fiber Optic module for OC-3 (1310nm-15km), Connector: LC type. Reference: 00003702
IOP-A0855	SFP - Multi-mode Fiber Optic module for OC-3 (1310nm-2km)	SFP - Multi-mode Fiber Optic module for OC-3 (1310nm-2km), Connector: LC type. Reference: 00003545
IOP-A0857	OC-3c/OC-12c ATM Processor Module with 4-ports	Module for Front I/O Slot with Processor Capacity for 3-ports OC-3 and 1-port OC-12 (or 4 ports OC-3) UnChannelized, Connector Type: SFP Optics, Protocol Supported: ATM
IOP-A0858	SFP - Single-mode Fiber Optic module for OC-3/OC-12 (1310nm-2km)	SFP - Single-mode Fiber Optic module for OC-3/OC-12 (1310nm-2km), Connector: LC type. Reference: 00003703
IOP-A0859	OC-3c/OC-12c/OC-48c ATM Processor Module with 4-ports	Module for Front I/O Slot with Processor Capacity for 4-ports OC-3c/OC-12c/OC-48c UnChannelized, Connector Type: SFP Optics, Protocol Supported: ATM. Reference: IOP-6800-ASM
IOP-A0860	SFP - Single-mode Fiber Optic module for OC-3/OC-12/OC48 (1310nm-15km)	SFP - Single-mode Fiber Optic module for OC-3/OC-12/OC-48 (1310nm-15km), Connector: LC type. Reference: 00005585
IOP-A0861	SFP - Single-mode Fiber Optic module for OC-3/OC-12 (1310nm-15km)	SFP - Single-mode Fiber Optic module for OC-3/OC-12 (1310nm-15km), Connector: LC type. Reference: 00000473
IOP-A0703	Serial I/O module - 4-port 20 Mbps/port	Module for Front I/O Slot with Processor Capacity for 4-ports Serial, Line Rate: 75 bps - 20 Mbps/port, Connector Type: SMART (Cisco), Electrical: RS-232, EIA-449, EIA-530, V.35, Data Format: Sync, Async, CES. This card supercedes the IOP-A0702 4-port 20Mbps module. Reference: IOP-4901
IOP-A0704	Serial I/O module - 2-port LVDS 200 Mbps/port	Module for Front I/O Slot with Inphase and Quadrature LVDS, Line Rate 100 Kbps to 200 Mbps. Composite Rate up to 400 Mbps Single port, 200 Mbps Dual Port, (200 Mbps I&Q Future). Reference: IOP-6400



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IOP-A0705	Serial I/O module - 1 port LVDS 800 Mbps/port	Module for Rear I/O Slot with Processor Capability for 1-port LVDS Serial, Line Rate 100 Kbps to 750 Mbps per port
IOP-A0706	Serial I/O module - 8-port ECL 55 Mbps/port	Module for Rear I/O Slot with Processor Capability for 8-ports ECL Serial, Line Rate 100 Kbps to 55 Mbps per port, Connector Type: SMART (Cisco), Electrical: ECL. Reference: IOP-6301
IOP-A0707	Serial I/O module - 8-port RS-422 20 Mbps/port	Module for Rear I/O Slot with Processor Capability for 8-ports RS-422 Serial, Line Rate 75 bps to 20 Mbps per port, Connector Type: SMART (Cisco), Electrical: RS-422. Reference: IOP-6300
IOP-A0708	CDL Multiplexer	Module for Front I/O Slot with support for Mux/Demux of Standard CDL Waveform Rev G. Reference IOP-6200
IOP-A0709	Analog I/O module - 10-port Analog	Module for Rear I/O Slot with support for Analog Bit/Sync and FM Discriminator Functions
IOP-A0710	Serial I/O module - 4-port Digital Data DS-0A 64Kbps	Module for Front I/O Slot with support for DS-0A 4- wire interface. Planned for Future Release
IOP-A0711	Serial I/O module - 8-port RS-232 card	Module for Rear I/O Slot with support for RS-232 and (potentially) RS-422 - selectable by port. Planned for Future Release
IOP-A0901S	Converter I/O module - 1- port RS-530-TTL (Standard BNC)	Converter I/O module - 1-port RS-530-TTL includes Smart Serial Cable (IOP-CBL0102) to interwork RS- 530 and TTL signals using Standard BNC connectors. Reference: IOP-5007
IOP-A0903S	Converter I/O module - 1- port RS-530-Wideband Analog (Standard BNC)	Converter I/O module - 1-port RS-530-Wideband Analog includes Smart Serial Cable (IOP-CBL0102) to interwork RS-530 and Wideband Analog signals using Standard BNC connectors. Reference: IOP- 4351
IOP-A0904S	Converter I/O module - 1- port RS-530-High Speed TTL (Standard BNC)	Converter I/O module - 1-port RS-530-HSTTL includes Smart Serial Cable (IOP-CBL0102) to interwork RS-530 and High Speed TTL signals using Standard BNC connectors. Reference: IOP-5006



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IOP-A0905	Converter I/O module - 1-port RS-530-CVSD Analog Voice	Converter I/O module - 1-port RS-530-CVSD includes Smart Serial Cable (IOP-CBL0102) to interwork RS-530 and CVSD Analog Voice signals. Reference: IOP-6000
IOP-A0906T	Converter I/O module - 1-port LVDS - ECL TX (SMA)	Converter I/O module - 1-port LVDS-ECL TX excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-SMA w/terminations. Reference: IOP-6401T
IOP-A0907	Converter I/O module - 1-port LVDS - ECL RX (SMA)	Converter I/O module - 1-port LVDS-ECL RX excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-SMA. Reference: IOP-6402
IOP-A0908	Converter I/O module - 1-port Ethernet to Sync Serial	Converter I/O module - 1-port Ethernet to Sync Serial Reference: IOP-5200
IOP-A0909	Converter I/O module - 1-port RS-530 - Optical (ST)	Converter I/O module - 1-port Electrical RS-422 (RS-530) to Optical (ST) includes Smart Serial Cable (IOP-CBL0102) to interwork RS-530 to Fiber Optics. Reference: IOP-5110
IOP-A0910	Converter I/O module - 1-port RS-530-Analog Enhanced (Standard BNC)	Converter I/O module - 1-port RS-530-Analog includes Smart Serial Cable (IOP-CBL0102) to interwork RS-530 and Analog signals and adjustable output levels using Standard BNC connectors. Reference: IOP-4360
IOP-A0911T	Converter I/O module - 2-port LVDS - ECL TX (Twinax/Triax)	Converter I/O module - 2-port LVDS-ECL TX excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-Twinax/Triax w/terminations. Requires CAT5/6 Cable. Reference: IOP-6403T
IOP-A0912	Converter I/O Module, 1-port RS-530 - Twinax/Triax	Converter I/O module - 1-port RS-530 to Twinax/Triax Connector with Smart Serial Cable (IOP-CBL0102) Reference: IOP-5100
IOP-A0912-1	Converter I/O Module, 1-port RS-530 - Twinax/Triax	Converter I/O module - 1-port RS-530 to Twinax/Triax Connector with Smart Serial Cable (IOP-CBL0102-1) 5 foot length Reference: IOP-5100

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IOP-A0913	Converter I/O module - 1-port LVDS - ECL RX (Twinax/Triax)	Converter I/O module - 1-port LVDS-ECL RX excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-Twinax/Triax. Requires CAT5/6 Cable. Reference: IOP-6405
IOP-A0914	Converter I/O module - 1-port LVDS-LVDS TX SMA	Converter I/O module - 1-port LVDS-LVDS TX excludes the CAT5e or CAT6 cable to interwork connector interfaces from RJ45 to SMA. Reference: IOP-6406
IOP-A0915	Converter I/O module - 1-port LVDS-LVDS RX SMA	Converter I/O module - 1-port LVDS-LVDS RX excludes the CAT5e or CAT6 cable to interwork connector interfaces from RJ45 to SMA. Reference: IOP-6407
IOP-A0916	Converter I/O module - LR 4CH RS530-LVDS SMA	Converter I/O module, 1U 19-inch rack mount - 4-port RS-530-LVDS includes 4 each Smart Serial cables (IOP-CBL01012) 10 foot long w/LVDS SMA connectors
IOP-A0917	Converter I/O Module, 1-port RS-530 - Ternary RX (Twinax/Triax)	Converter I/O Module, 1-port RS-530 - Ternary RX (Twinax/Triax) includes IOP-CBL0102 cable. High Density CISCO Smart Serial Compatible Cable - 26 pin serial RS-530 to Ternary RX w/ Twinax/Triax Connector. Reference: IOP-5300-MODULE
IOP-A0918	Converter I/O Module, 1-port RS-530 - Ternary TX (Twinax/Triax)	Converter I/O Module, 1-port RS-530 - Ternary TX (Twinax/Triax) High Density CISCO Smart Serial Compatible Cable - 26 pin serial RS-530 to Ternary TX w/ Twinax/Triax Connector 10 foot length
IOP-A0919	Converter Module 1-port LVPECL-HSSI	Converter Module 1-port LVPECL-HSSI includes IOP-CBL0102 cable. Reference IOP-xxxx-MODULE
IOP-A0920	Converter Module 1-port LVPECL-LVDS	Converter Module 1-port LVPECL-LVDS includes IOP-CBL0102 cable. Reference IOP-xxxx-MODULE
IOP-A0924	Pair of Converter I/O modules - 1-port LVDS-LVDS TX SMA, pair of matched cables	(Qty 2, IOP-A0914) Converter I/O module - 1-port LVDS-LVDS TX SMA and (Qty 2) CAT-6 shielded RJ-45, 6 foot. Reference: (2) IOP-6406 plus (2) MATCHED cables (00004927)



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IOP-A0925	Pair of Converter I/O modules - 1-port LVDS-LVDS RX SMA, pair of matched cables	(Qty 2, IOP-A0915) Converter I/O module - 1-port LVDS-LVDS RX SMA and (Qty 2) CAT-6 shielded RJ-45, 6 foot. Reference: (2) IOP-6407 plus (2) cables (00004927)
IOP-PP0103	Converter mounting panel - 4 Converters	19-inch rack mount converter panel - 4 Converter capacity for extrusion housing converters. Use this mounting panel when ordering the following converters: A0901S, A0903S, A0904S, A0906 through A0915, A0917, and A0918. Reference: 00002770
IOP-PP0103-02	Converter mounting panel - 4 Converters - FLAT	19-inch rack mount converter panel - 4 Converter capacity for extrusion housing converters - FLAT. Use this mounting panel when ordering the following converters: A0901S, A0903S, A0904S, A0906 through A0915, A0917, and A0918. Reference: 00006062
IOP-PP0104	Triax mounting panel - 16 holes	19-inch rack panel - accomodates 4 each IOP-CBL0113 cables
IOP-CBL0100	Cable - Serial I/O - RS-449, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB37 Male (RS449) DTE
IOP-CBL0101	Cable - Serial I/O - RS-449, DCE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB37 Female (RS449) DCE
IOP-CBL0102	Cable - Serial I/O - RS-530, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB25 Male (RS530) DTE Reference: 00005883
IOP-CBL0102-1	Cable - Serial I/O - RS-530, DTE, 5 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB25 Male (RS530) DTE, 5 foot
IOP-CBL0103	Cable - Serial I/O - RS-530, DCE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB25 Female (RS530) DCE. Reference: 00005884
IOP-CBL0104	Cable - Serial I/O - RS-232, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB25 Male (RS232) DTE
IOP-CBL0105	Cable - Serial I/O - RS-232, DCE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB25 Female (RS232) DCE. Reference: 00005981



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IOP-CBL0106	Cable - Serial I/O - V.35, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to V.35 Male (V.35) DTE
IOP-CBL0107	Cable - Serial I/O - V.35, DCE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to V.35 Female (V.35) DCE
IOP-CBL0108	Cable - Serial I/O - X.21, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB15 Male (X.21) DTE
IOP-CBL0109	Cable - Serial I/O - X.21, DTE, 10 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to DB15 Female (X.21) DCE
IOP-CBL0110	Cable - Coaxial BNC Bayonet to Slimline Bayonet - 6 foot	Standard BNC Bayonet style - Amphenol Slimline BNC Bayonet style. Reference: 00001418
IOP-CBL0112	Cable - SMA STR Plug-Plug, RG316, 3 foot	Coaxial cable RG316, SMA Straight Plug-Plug. Reference: 00004766
IOP-CBL0113	Cable, Serial I/O- TRB Adapter, Ternary, 1 foot	RS-530 Female to eight Triax/Twinax (124 ohm) TRB style, bulkhead, isolated connector for Ternary coding applications. Reference: 00000442
IOP-CBL0114	Cable set, matched I&Q, CAT-6 shielded RJ-45, 6 foot	Pair of CAT-6 cables, 6 foot length (cut to same length - phase matched). Reference: (Qty-4) 00004927
IOP-CBL0119	Cable - Serial I/O - HD-50 HSSI, DTE, 8 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to HD50 Male (HSSI) DTE. Amphenol Connector and metal backshell. Reference: 00006020
IOP-CBL0120	Cable - Serial I/O - HD-50 HSSI, DCE, 2 foot	High Density CISCO Smart Serial Compatible Cable - 26 pin serial to HD50 Female (HSSI) DCE. Amphenol Connector and molded backshell
IOP-CBL0121	Cable, Serial I/O- TRB Adapter Isolated, RS-422, 1 foot	RS-530 Female to four Triax/Twinax (124 ohm) TRB style, bulkhead, isolated connector for RS-422 applications
IOP-CBL0122	Cable, Serial I/O- TRB Adapter Non-Isolated, RS-422, 1 foot	RS-530 Female to four Triax/Twinax (124 ohm) TRB style, bulkhead, non-isolated connector for RS-422 applications



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Note: This document applies to Kratos RT Logic, Inc.

IOP-A0600	Gigabit Ethernet Module - 1-port	Module for Front I/O Slot with Processor Capacity for 1-port Ethernet, Line Rate: 1Gbps/port, Connector Type: SFP or RJ-45, Protocols Supported: UDP/IP, VLAN. Reference IOP-4800
IOP-A0601	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km)	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km), Connector: LC type. Reference: 00003696
IOP-A0602	SFP - Multi-mode Fiber Optic module for Gbit Ethernet (850nm-500m)	SFP - Multi-mode Fiber Optic module for Gbit Ethernet (850nm-500m), Connector: LC type. Reference: 00003697
IOP-A0603A	SFP - Bi-directional Single-mode Fiber Optic module for Gbit Ethernet (Tx 1310nm and Rx 1490nm-10km)	SFP - Bi-directional Single-mode Fiber Optic module for Gbit Ethernet (Tx 1310nm and Rx 1490nm-10km), Connector: LC type. Ordered as a matched pair since Tx and Rx using different wavelengths 1310nm and 1490nm. Reference: 00003698
IOP-A0603B	SFP - Bi-directional Single-mode Fiber Optic module for Gbit Ethernet (Rx 1310nm and Tx 1490nm-10km)	SFP - Bi-directional Single-mode Fiber Optic module for Gbit Ethernet (Rx 1310nm and Tx 1490nm-10km), Connector: LC type. Ordered as a matched pair since Tx and Rx using different wavelengths 1310nm and 1490nm. Reference: 00003699
IOP-A0604	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-55km)	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-55km), Connector: LC type. The 55km reach is achieved using 9/125um fiber cable. Refer to product data sheet for other fiber types. Reference: 00003700
IOP-A0605	100/10 Base-T Ethernet Module - 4-port	Module for Rear I/O Slot with Processor Capacity for 4-port Ethernet, Line Rate: 100 Mbps/port, Connector Type: SFP, Protocols Supported: Bridging. Used with CWCT Programs
IOP-A0606	Gigabit Ethernet Module - 1-port Packet Reformatter	Module for Front I/O Slot with Processor Capacity for 1-port Ethernet, Line Rate: 1Gbps/port, Connector Type: SFP or RJ-45, Protocols Supported: UDP/IP, VLAN
IOP-A0607	Gigabit Ethernet 2 Module - 1-port	Module for Front I/O Slot with Processor Capacity for 1-port Ethernet, Line Rate: 1Gbps/port, Connector Type: SFP or RJ-45, Protocols Supported: UDP/IP, VLAN. Reference: IOP-6700



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IOP-A0800	Video I/O module - 2-port, JPEG-2000 compression, SD, NTSC interface	Module for Front I/O Slot with Processor Capacity for 2-port Video, Format: NTSC, Connector Type: mini-BNC, Compression Supported: JPEG2000 . Reference: IOP-4200
IOP-A0801	Video I/O module - 2-port, H.264 compression, HD, SDI interface	Module for Front I/O Slot with Processor Capacity for 2-port Video, Format: SDI, Connector Type: mini-BNC, Compression Supported: H.264
IOP-SW0100	ioPLEX Software (CDROM)	ioPLEX Software (CDROM)
IOP-SW0101	ioPLEX IMUX DS1 Software Option	ioPLEX IMUX DS1 Software Option (CDROM)
IOP-A1114	Powercord, 10A/125VAC, Shielded	Power Cord, NEMA 5-15P TO IEC320 C-13, 10 AMP, 125 Volt, 7 FT. For use in the USA, Canada, Brazil, Mexico, Taiwan, and Thailand. Reference: 00001798
IOP-A1115	Powercord, 10A/125VAC, Shielded	Power Cord, IEC320 C14 TO IEC320 C-13, 10 AMP, 125 Volt, 6 FT. For use in the USA, Canada, Brazil, Mexico, Taiwan, and Thailand. Reference: 00000302
IOP-A1100	Brackets - 23' extention mounts for 19' 2U chassis	Brackets - Rack mount for 19' 2U chassis, Flush, 23' rack mounting
IOP-A1101	Brackets - Rack mount for 19' 2U chassis	Brackets - Rack mount for 19' 2U chassis, Flush, 19' rack mounting
IOP-A1113	Brackets - Recess rack mount 19' 2U chassis	Brackets - Rack mount for 19' 2U chassis, Recess 19' rack mounting for Avtec Chassis. Reference: 00001939