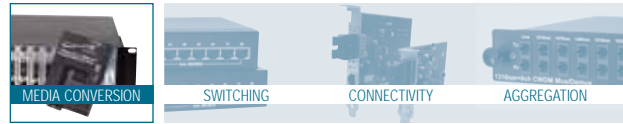


media conversion



10/100/1000	Description	Point System™ Card	Stand-Alone
	<b>10/100/1000 Ethernet</b> 10/100/1000BASE-TX to 1000BASE-SX/LX MM or SM	CGFEB10xx-1xx	SGFEB10xx-1xx
	Mini 10/100/1000BASE-TX to 1000BASE-SX/LX MM or SM		M/GE-PSW-xx-01
	<b>10/100/1000 Ethernet 802.3ah Bridging</b> 10/100/1000BASE-TX to 1000BASE-BX/LX MM or SM with OAM or IP-based Remote Management	CBFFG10xx-1xx	SBFFG10xx-1xx
	<b>10/100/1000 Ethernet 802.3ah/802.1ag/Y.1731 Bridging</b> 10/100/1000 Demarcation Device (3 copper + 2 SFP Interfaces) or (1 Copper + 4 SFP Interfaces)		S325x
	<b>10/100/1000 Bridging PoE</b> 10/100/1000BASE-T to 1000BASE-X MM or SM or SFP		SGPOE10xx-1x0

Gigabit Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™
	<b>Gigabit Ethernet</b> 1000BASE-SX MM to 1000BASE-LX SM	CFMFF1xxx-22x	SFMFF1xxx-22x	
	1000BASE-SX MM to 1000BASE-LX SM retiming	CFMFF13xx-28x	SFMFF13xx-28x	
	1000BASE-T to 1000BASE-SX/LX MM or SM	CGETF10xx-11x	SGETF10xx-11x	J/GE-CF-01(xx)

Protocol Independent	Description	Point System™ Card	Stand-Alone
	<b>Optical Line Converter with SFP slots</b> (2) slots for SFP modules	CFMFF4040-100	SFMFF4040-100

ATM/OC-X	Description	Point System™ Card	Stand-Alone
	<b>OC12 ATM/SONET/SDH</b> Multimode to Single Mode		F-SM-MM-06 or SFMFF131x-210

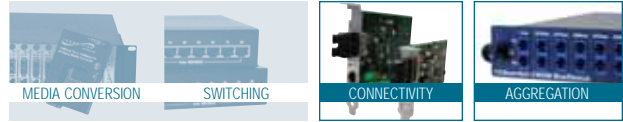
Serial	Description	Point System™ Card	Stand-Alone	Just Convert-IT™
	<b>High Speed Serial (V.35/X.21/RS449/RS530/RS232)</b> 26-pin to Multimode or Single Mode	CPSVT26xx-10x	SPSVT26xx-10x	
	<b>RS232</b> DB9 to Multimode or Single Mode DB9 to Multimode	CRS2F311x-100	SRS2F311x-100	J/RS232-xF-01(xx)
	<b>Industrial RS232 to Fast Ethernet Device Server</b> DB9 to 100BASE-FX Multimode or Single Mode		SDSFE311x-100	
	<b>RS232/422/485 to Fast Ethernet Device Server</b> DB9 to 100BASE-TX RJ-45 or Multimode or Single Mode		SDSFE311x-120	
	<b>RS422/485</b> DB9 or Terminal Block to Multimode or Single Mode	CRS4F31x-100	SRS4F31x-100	
	<b>Industrial RS422/485 to Fast Ethernet Device Server</b> Terminal Block to 100BASE-FX Multimode or Single Mode		SDSFE321x-110	


industrial media conversion  
managed & unmanaged switches





10/100 Industrial	Description	Part Number
	<b>Industrial Media Converter Unmanaged</b>	
	10/100BASE-TX to 100BASE-FX MM or SM (1) 10/100/1000BASE-T port to (1) 1000BASE-X Port	SISTF101x-x11-LRx SISTG10xx-x11-LRx
	<b>Industrial Switch Unmanaged</b>	
	(4) 10/100BASE-TX to (1) 100BASE-FX MM or SM	SISTF101x-x41-LRx
	(4) 10/100BASE-TX POE ports to (1) 100BASE-FX Port	SISTP10xx-x41-LRx
	(5) 10/100BASE-TX	SISTF101x-x50-LRx
	(8) 10/100BASE-TX	SISTF101x-x80-LRx
	<b>Industrial Switch Managed</b>	
	(6) 10/100 BASE-TX to (2) 100BASE-FX MM or SM	SISTM101x-xxx-LRx
	(6) 10/100/1000 BASE-T + (2) 10/100/1000BASE-T or 100/1000 SFP	SISGM1040-x62D-LR
	(8) 10/100 BASE-TX POE ports to (2) 10/100/1000BASE-T or 100/1000 SFP	SISPM1040-182D-LRx
Managed Switches	Description	Part Number
	<b>All-Fiber</b>	
	24-port 100BASE-X 802.3ah OAM Switch	SM24-100SFP-AH
	<b>10/100 Managed Switches</b>	
	8-port 10/100BASE-TX Layer 2	MIL-SM800P
	8-port 10/100BASE-TX Layer 2 with (1) 100BASE-FX uplink port	MIL-SM801P(xx)
	8-port 10/100BASE-TX with (1) 1000BASE-SX Gigabit uplink port	MIL-SM801G
	<b>10/100 Power Over Ethernet Managed Switch</b>	
	24-port 10/100BASE-TX POE Layer 2 Remotely Managed with (2) SFP/RJ-45 combo ports	MIL-SM2401MAF
	8-port 10/100 POE Remotely Managed switch with (4) POE Injector ports and (1) SFP/RJ-45 combo port	MIL-SM802GAF
	<b>10/100/1000 Managed Switches</b>	
	8-port Gigabit (4 10/100/1000 + 4 Gigabit SFP ports) Layer 2 Remote IP-Managed Switch	MIL-SM4004TG
	9-port 10/100/1000BASE-T Layer 2 Remote IP-managed with (2) SFP/RJ-45 combo ports for Indoor/Protected Outdoor Environments	MIL-SM8002TG
	20-port 10/100/1000 + (4) RJ-45/SFP Combo ports Remotely Managed Switch	MIL-SEM24T4GPA
	8-port 10/100/1000 POE Layer 2 Remotely Managed switch with (1) SFP/RJ-45 combo ports	MIL-SM8TAF1GPA
Unmanaged Switches	Description	Part Number
	<b>10/100 Unmanaged Switches</b>	
	5-port 10/100BASE-TX	MIL-S500
	5-port 10/100BASE-TX with (1) fiber port	MIL-S501(xx)
	8-port 10/100BASE-TX	MIL-S800
	8-port 10/100BASE-TX with internal power supply	MIL-S800i-v2
	<b>Compact 10/100 Unmanaged Switches</b>	
	24-port 10/100BASE-TX	MIL-S2400S
	48-port 10/100BASE-TX Plus (2) Gigabit Ports	MIL-S4800
	<b>10/100/1000 Unmanaged Switches</b>	
	Compact 8-port 10/100/1000BASE-T with internal power supply	MIL-S8TA
	24-port 10/100/1000BASE-T with (2) SFP uplink slots	MIL-S24T2GPA


power over ethernet, nics, pcmcia cards, gbics, sfps & cwdm





Course Wavelength Division Multiplexing CWDM	Description	Part Number
	<b>Mux/Demux</b>	
	4 Channel	CWDM-M4xxxCR
	8 Channel	CWDM-M8xxxCR
	<b>Add/Drop Mux</b>	
	1 Channel of 4 Channel	CWDM-A1x4xxxCR
	1 Channel of 8 Channel	CWDM-A1x8xxxCR


Power Over Ethernet	Description	Part Number
	<b>POE Injectors &amp; Splitters</b>	
	1-port POE injector	MIL-L100i


Power Over Ethernet	Description	Part Number
	<b>POE Media Converters (PSE)</b>	
	10BASE-T to 10BASE-FL	SEPOE101x-150
	100TX to 100FX	SFEPE101x-1x0
	10/100TX to 100FX	SPOEB10xx-100
	10/100/1000T to 1000X	SGPOE10xx-1x0
	<b>POE Media Converters (PD)</b>	
	10/100TX to 100FX - Mini	MP/E-PSW-FX-01(xx)


Power Over Ethernet	Description	Part Number
	<b>POE Managed Switches</b>	
	24-port 10/100TX + (2) SFP/RJ-45 Combo ports	MIL-SM2401MAF
	8-port 10/100 POE Remotely Managed switch with (4) POE Injector ports and (1) SFP/RJ-45 Combo port	MIL-SM802GAF
	8-port 10/100 POE Remotely Managed switch with (8) POE Injector ports and (2) SFP/RJ-45 Combo ports	MIL-SM8TXAF2GPA
	8-port 10/100/1000 POE Layer 2 Remotely Managed switch with (1) SFP/RJ-45 combo ports	MIL-SM8TAF1GPA


NICs	Description	Part Number
	<b>Fast Ethernet</b>	
	100BASE-FX PCI	N-FX-xx-02
	100BASE-FX low profile PCI	N-FX-xx-02(L)
	100BASE-FX Single Fiber PCI	N-FX-SB201-02
	100BASE-FX Single Fiber low profile PCI	N-FX-SB201-02(L)
	100BASE-FX NIC PCI including extra low profile brackets & Boot ROM installed	N-FX-xx-02F
	100BASE-FX PCIe	N-FXE-xx-01
	including extra low profile bracket & Boot ROM installed	

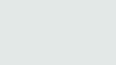
Power Over Ethernet	Description	Part Number
	<b>Dual Media</b>	
	10/100TX + 100FX PCI	NDM-FTX-xx-01
	10/100TX + 100FX low profile PCI	NDM-FTX-xx-01(L)
	<b>Dual Media Single Fiber</b>	
	10/100TX + 100FX PCI	NDM-FTX-SB20x-01
	10/100TX + 100FX low profile PCI	NDM-FTX-SB20x-01(L)


Power Over Ethernet	Description	Part Number
	<b>Gigabit Ethernet</b>	
	1000BASE-SX PCI	N-GxX-xx-01
	1000BASE-SX low profile PCI	N-GxX-xx-01(L)
	1000BASE SX/LX PCIe including extra low profile bracket & Boot ROM installed	N-GSX-xx-01

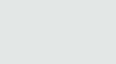
PCMCIA Cards	Description	Part Number
	<b>Fast Ethernet</b>	
	100BASE-FX	PCM32-FX-SC-01


GBICs	Description	Part Number
	1000BASE-SX MM	TN-GB-MM5
	1000BASE-LX SM 10 km	TN-GB-SM5
	1000BASE-LX SM 30 km	TN-GB-SM53
	1000BASE-LX SM 50 km	TN-GB-SM55
	1000BASE-LX SM 80 km	TN-GB-SM58
	1000BASE-LX SM 120 km	TN-GB-SM512


Standard SFPs	Description	Part Number
	<b>100BASE-FX/OC-3</b>	
	Multimode or Single Mode	TN-SFP-OC3x
	CWDM Single Mode	TN-SFP-OC3-Cxx
	Multimode Simplex	TN-SFP-OC3MBxx
	Single Mode Simplex	TN-SFP-OC3SBxx
	<b>OC-12/STM-4</b>	
	Multimode or Single Mode	TN-SFP-OC12x
	CWDM Single Mode	TN-SFP-OC12-Cxx
	<b>1000BASE-SX</b>	
	Multimode	TN-SFP-SXx
	Extended Multimode	TN-SFP-ESXx
	SX Simplex	TN-SFP-SXBx

Standard SFPs	Description	Part Number
	<b>1000BASE-LX</b>	
	Single Mode	TN-SFP-xLXxx
	CWDM Single Mode	TN-SFP-LX8-Cxx
	LX Simplex	TN-SFP-LXBxx
	Single Mode Bi-Di	TN-SFP-BXxx
	<b>OC-48/STM-16/Fibre Channel 1x/2x/1000BASE-X</b>	
Multimode or Single Mode	TN-SFP-FC2Xxxx	
CWDM Single Mode	TN-SFP-OC48-Cxx	

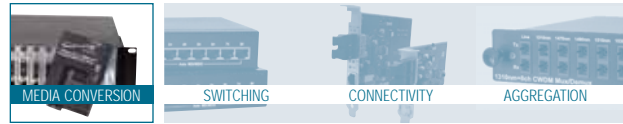
Cisco Compatible SFPs	Description	Part Number
	<b>1000BASE-T</b>	
	UTP (RJ-45)	TN-GLC-T
	<b>1000BASE-SX</b>	
Multimode	TN-GLC-SX-MM	
Multimode	TN-SFP-GE-S	
Multimode Extension	TN-GLC-SX-MM-2K	


Cisco Compatible SFPs	Description	Part Number
	<b>1000BASE-LX</b>	
	Single Mode	TN-GLC-LH-SM
	Single Mode	TN-SFP-GE-L
	Single Mode	TN-GLC-ZX-SM
	Single Mode	TN-SFP-GE-Z
	Single Mode Bi-Di	TN-GLC-BX-x
	CWDM Single Mode	TN-CWDM-SFP-xx
	<b>100BASE-FX</b>	
Multimode	TN-GLC-FE-100FX	
Single Mode	TN-GLC-FE-100LX	
Single Mode Bi-Di	TN-GLC-FE-100BX-x	




HP Compatible SFPs	Description	Part Number
	<b>1000BASE-SX</b>	TN-J4858C
	<b>1000BASE-LX</b>	TN-J4859C
	<b>1000BASE-ZX</b>	TN-J4860C


MSA Standard XFPs	Description	Part Number
	<b>10GBASE-SR</b>	TN-XFP-SR
	<b>10GBASE-LR</b>	TN-XFP-LRx
	<b>10GBASE-ER</b>	TN-XFP-ER
	<b>10GBASE-ZR</b>	TN-XFP-ZR


media conversion



DS3-E3/T3	Description	Point System™ Card	Stand-Alone
	<b>DS3-E3/T3</b> (2) BNC to Multimode or Single Mode	CCSCF30xx-10x	SCSCF30xx-10x

T1/E1	Description	Point System™ Card	Stand-Alone
	<b>T1/E1</b> (2) BNC or RJ-48 to Multimode or Single Mode	CSDTFx0xx-1x5	SSDTFx0xx-1x5
	<b>4x T1/E1/J1</b> (4) RJ-48 to Multimode or Single Mode + 6-pin DIN	C4TEF10xx-10x	S4TEF10xx-10x
	<b>4x T1/E1/J1 + 10/100 Ethernet</b> (4) RJ-48 + (1) 10/100 RJ-45 to MM or SM + 6-pin DIN	C4TEF10xx-11x	S4TEF10xx-11x

POTS 2-wire	Description	Point System™ Card	Stand-Alone
	<b>POTS 2-wire</b> Twisted Pair to Multimode or Single Mode	CAPTF33xx-1xx	SAPTF33xx-1xx

Analog CCTV Video	Description	Point System™ Card	Stand-Alone	Just Convert-IT™
	<b>Analog CCTV Video: NTSC, PAL, SECAM</b> BNC to Multimode or Single Mode	CVIDF20xx-15x		J/V/D-xX-01
	<b>Analog CCTV Video + Data</b> BNC + Terminal Block to MM or SM	CVIDF20xx-110	SVIDF20xx-100	

Mounting Options	Description	Part Number
	<b>Stand-Alone Converter Racks</b>	
	12-slot Rack	E-MCR-05
	4-slot Shelf	RMS19-SA4-01
	<b>Wall Mount Brackets</b>	
	DIN Rail Mount	WMBD
	Ext. DIN Rail Mount	WMBD-E
	Flat DIN Rail Mount	WMBD-F
	Flat Small DIN Rail Mount	WMBD-FS
	Wall Mount Bracket: 4.0"	WMBL
	Wall Mount Bracket: 5.0"	WMBP
	Wall Mount Bracket: 3.2"	WMBBS
	Vertical Wall Mount Bracket	WMBV
	Ext. Vertical Wall Mount Bracket	WMBV-E
	<b>Wide Input (18 – 60VDC) Power Supplies</b>	
	Piggy Back	SPS-1872-CC
	Piggy Back Double High	SPS-1872-DPS
	Point System™	SPS-1872-PS
	Stand-Alone	SPS-1872-SA

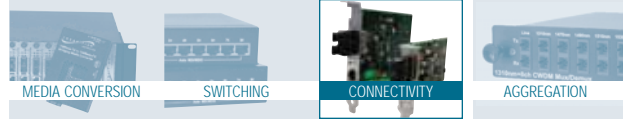
Point System™	Description	Part Number
	<b>Point System™ Chassis</b>	
	19-slot chassis	CPSMC1900-100
	19-slot with -48V power	CPSMC1910-100
	18-slot chassis	CPSMC1800-100
	18-slot with -48V power	CPSMC1810-100
	13-slot chassis	CPSMC1300-100
	13-slot with -48V power	CPSMC1310-100
	13-slot with 24VDC power	CPSMC1320-100
	8-slot chassis	CPSMC0800-100
	8-slot with -48V power	CPSMC0810-100
	2-slot chassis	CPSMC0200-200
	2-slot with Last Gasp option	CPSMC0200-210
	2-slot with dual ext. power	CPSMC0200-226
	2-slot with Last Gasp and dual ext. power	CPSMC0200-221
	1-slot with ext. power	CPSMC0100-200
1-slot with int. power	CPSMC0100-210	
1-slot with dual ext. power	CPSMC0100-226	
	<b>Point System™ Chassis Management Modules</b>	
	Single Slot Master Module	CPSMM-120
	Dual Slot Master Module	CPSMM-200
	Single Slot Expansion Module	CPSMM-210

 Focal Point™ SNMP management software **Free of Charge**

Available options in most media converter product families:

- Multimode, Single Mode or Single Fiber
- ST, SC, LC or SFP connector types

patch cords



**Fiber Patch Cords**

**FPC - - - - M**

Cable Type		Length
MD5	MM 50/125µm duplex	xx Length in meters
MD6	MM 62.5/125µm duplex	Available lengths: 1, 2 and 3 meters <i>Note: Other lengths may be available upon request.</i>
SD	SM 8/125µm duplex	
MD5G	MM 50/125µm duplex (10-Gigabit Optimized)	

Connector Type	
LC	LC/PC
MT	MT-RJ/PC
SC	SC/PC
ST	ST/PC

(List each end separately.)

**Examples:**  
**FPC-MD6-LCMT-03M**  
 Fiber Patch Cord, duplex multimode 62.5/125µm, LC to MT-RJ, 3 meters long  
**FPC-SD-SCSC-01M**  
 Fiber Patch Cord, duplex single mode 8/125µm, SC to SC, 1 meter long

**Copper Patch Cords**

**CPC - - - - F**

Cable Type		Length
5EB	Cat 5e straight-through	xx Length in feet
X5ER	Cat 5e crossover	03 = 3 ft. [0.91 m]
6B	Cat 6 straight-through	Available lengths: 1, 2, 3, 5 and 10 feet
X6R	Cat 6 crossover	

**Notes:**  
 All cables include molded boot; same color as the cable. Standard color for straight-through cables is **black**. Standard color for crossover cables is **red**. Custom colors and lengths may be available upon request.

**Contact Us**      **Worldwide Headquarters & U.S. Sales**

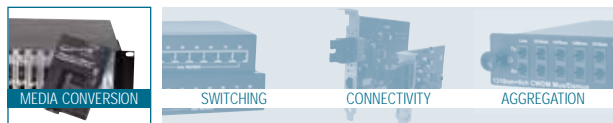
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### media conversion



visit [www.transition.com](http://www.transition.com) for complete product information

Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	PCI-Powered
	<b>Ethernet</b>				
	10BASE-2 to 10BASE-T			J/E-CX-TBT-02	
	10BASE-T to 10BASE-FL MM or SM	CETTF10xx-x0x	E-TBT-FRL-05(xxxx)		E-TBT-FRL-Nxx-02(xx)
	<b>Ethernet or Token Ring</b>				
	Multimode to Single Mode		F-SM-MM-05		
	<b>Power Over Ethernet</b>				
	10BASE-T to 10BASE-FL MM or SM		SEPOE101x-150		
	<b>Ethernet Transceiver</b>				
	AUI to 10BASE-T		E-TBT-MC05		
Fast Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	PCI-Powered
	<b>Fast Ethernet</b>				
	100TX to 100FX MM or SM Class A	CFETF101x-110	E-100BTX-FX-05(xxxx)	J/FE-CF-04(xx)	E-100BTX-FX-Nxx-01(xx)
	100TX to 100FX MM or SM Class B	CFETF101x-205			
	100TX to 100FX MM or SM with Remote Management	CRMFE10xx-20x	SRMFE10xx-20x		
	<b>Fast Ethernet or ATM</b>				
	Multimode to Single Mode	CFMFF1xxx-20x	F-SM-MM-02(xx) or SFMFF1xxx-20x		
	<b>Power Over Fast Ethernet</b>				
	100TX to 100FX MM or SM		SFEPE101x-1x0		
10/100	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	
	<b>10/100</b>				
	10/100TX to 100BASE-SX MM	CSETF101x-205	SSETF101x-205		
	<b>10/100 Bridging</b>				
	OAM/IP remotely managed				
	10/100TX to 100FX MM or SM	CFBRM10xx-1xx	SFBRM10xx-1xx		
	10/100TX to 100FX with Remote Management	CSRFB10xx-100	SSRFB10xx-100		
	10/100TX Redundant Link Protector	CBFTF1010-130	SBFTF1010-130		
	10/100TX to 100FX MM or SM	CBFTF10xx-1xx	SBFTF10xx-1xx	J/E-PSW-FX-03(xx)	
	Mini 10/100TX to 100FX MM or SM		Mx/E-PSW-FX-01(xx)		
	<b>10/100 Ethernet 802.3ah/802.1ag/Y.1731 Bridging</b>				
	10/100 Demarcation Device (5 Copper Interfaces)		S2250		
100/1000	Description	Point System™ Card	Stand-Alone		
	<b>100/1000 Bridging</b>				
	1000BASE-BX/LX/SX SM or MM	CGFEB13xx-15x	SGFEB13xx-15x		
		CGFEB1x40-170	SGFEB1x40-170		

Available options in most media converter product families:

- Multimode, Single Mode or Single Fiber
- ST, SC, LC, or SFP connector types