

media conversion



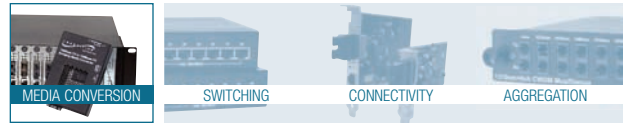
visit www.transition.com for complete product information

Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	PCI-Powered
	Ethernet				
	10BASE-2 to 10BASE-T	CETCT1020-100		J/E-CX-TBT-02	
	10BASE-T to 10BASE-FL MM or SM	CETTF10xx-x0x	E-TBT-FRL-05(xxxx)	J/E-CF-02(xx)	E-TBT-FRL-Nxx-02(xx)
	Ethernet or Token Ring				
	Multimode to Single Mode		F-SM-MM-05		
	Power Over Ethernet				
	10BASE-T to 10BASE-FL MM or SM		SEPOE101x-150		
	Ethernet or Fast Ethernet				
	Selectable 10BASE-T to 10BASE-FL SM or 100BASE-TX to 100BASE-FX SM		CSEFE10xx-10x	SSEFE10xx-10x	
Fast Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	PCI-Powered
	Fast Ethernet				
	100TX to 100FX MM or SM Class A	CFETF101x-105	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		
	Fast Ethernet or ATM				
	Multimode to Single Mode	CFMFF1xxx-20x	F-SM-MM-02(xx) or SFMFF1xxx-20x		
	Power Over Fast Ethernet				
	100TX to 100FX MM or SM		SFEPE101x-1x0		
10/100	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	
	10/100				
	10/100TX to 100BASE-SX MM	CSETF101x-205	SSETF101x-205		
	10/100 Bridging				
	OAM/IP remotely managed				
	10/100TX to 100FX MM or SM	CFBRM10xx-1xx	SFBRM10xx-1xx		
	10/100TX Redundant Link Protector	CBFTF1010-130	SBFTF1010-130 or MIL-FT240TX		
	10/100TX to 100FX MM or SM	CBFTF10xx-1xx	SBFTF10xx-1xx	J/E-PSW-FX-02(xx)	
	Mini 10/100TX to 100FX MM or SM		Mx/E-PSW-FX-01(xx)		
	10/100 Bridging POE				
	10/100TX to 100FX MM or SM		SPOEB10xx-100	J/POE-CF-01(xx)	
100/1000	Description	Point System™ Card	Stand-Alone		
	100/1000 Bridging				
	100BASE-FX MM to	CFBRM13xx-1xx	SFBRM13xx-1xx		
	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 or SFP connector types

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10/100/1000	Description	Point System™ Card	Stand-Alone
	10/100/1000 Ethernet		
	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
	10/100/1000 Ethernet 802.3ah Bridging		
	10/100/1000BASE-TX to 1000BASE-BX/SX/LX MM or SM with OAM Remote Management	CMEFG10xx-1xx	SMEFG10xx-1xx
	10/100/1000BASE-TX to 1000BASE-BX/SX/LX MM or SM with OAM OR IP-based Remote Management	CBFFG10xx-1xx	SBFFG10xx-1xx
	10/100/1000 Bridging PoE		
	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™
	Gigabit Ethernet			
	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)
	1000BASE-SX MM to 1000BASE-BX/SX/LX MM or SM with OAM OR IP-based Remote Management	CBFFG13xx-1xx	SBFFG13xx-1xx	


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




ATM/OC-X	Description	Point System™ Card	Stand-Alone
	OC12 ATM/SONET/SDH		
	Multimode to Single Mode	CFMFF1xxx-21x	F-SM-MM-06 or SFMFF131x-210


Serial	Description	Point System™ Card	Stand-Alone	Just Convert-IT™
	High Speed Serial (V.35/X.21/RS449/RS530/RS232)			
	26-pin to Multimode or Single Mode	CPSVT26xx-10x	SPSVT26xx-10x	
	RS232			
	DB9 to Multimode or Single Mode	CRS2F311x-100	SRS2F311x-100	
	DB9 to Multimode			J/RS232-xF-01(xx)
	Industrial RS232 to Fast Ethernet Device Server			
	DB9 to 100BASE-FX Multimode or Single Mode		SDSFE311x-100	
	RS232/422/485 to Fast Ethernet Device Server			
	DB9 to 100BASE-TX RJ-45 or Multimode or Single Mode		SDSFE311x-120	
	RS422/485			
	DB9 or Terminal Block to Multimode or Single Mode	CRS4F3x1x-100	SRS4F3x1x-100	
	Industrial RS422/485 to Fast Ethernet Device Server			
	Terminal Block to 100BASE-FX Multimode or Single Mode		SDSFE321x-110	


media conversion




DS3-E3/T3	Description	Point System™ Card	Stand-Alone
	DS3-E3/T3 (2) BNC to Multimode or Single Mode	CCSCF30xx-10x	SCSCF3011-10x

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

E&M, 2/4-wire	Description	Point System™ Card	Stand-Alone
	E&M, 2/4-wire Twisted Pair to Multimode or Single Mode	CEMTF10xx-10x	

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

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

Mounting Options	Description	Part Number
	Stand-Alone Converter Racks	
	12-slot Rack	E-MCR-04
	4-slot Shelf	RMS19-SA4-01
	Wall Mount Brackets	
	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"	WMBV
	Vertical Wall Mount Bracket	WMBV-E
	Ext. Vertical Wall Mount Bracket	WMBV-E
Wall Mount Bracket: Mini	WMBM	
	Wide Input (18 – 60VDC) Power Supplies	
	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
	Point System™ Chassis	
	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
	Point System™ Chassis Management Modules	
	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

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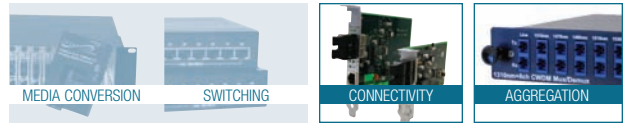
- Multimode, Single Mode or Single Fiber
- ST, SC or SFP connector types

industrial media conversion
managed & unmanaged switches



10/100 Industrial	Description	Part Number
	Industrial Media Converter Unmanaged	
	10/100BASE-TX to 100BASE-FX MM or SM (1) 10/100/1000Base-T port to (1) 1000Base-X Port	SISTF101x-111-LRx SISTG10xx-111-LRx
	Industrial Switch Unmanaged	
	(4) 10/100BASE-TX to (1) 100BASE-FX MM or SM	SISTF101x-141-LRx
	(4) 10/100Base-TX POE ports to (1) 100Base-FX Port	SISTP10xx-141-LRx
	(5) 10/100BASE-TX	SISTF1010-150-LRx
	(8) 10/100BASE-TX	SISTF1010-180-LRx
	Industrial Substation Switch Unmanaged	
	(1), (3) or (4) 10/100BASE-TX to (1) or (2) 100BASE-FX Multimode or Single Mode	SIBTF10xx-1xx-Mx
	Industrial Switch Managed	
	(6) 10/100 BASE-TX to (2) 100BASE-FX MM or SM (8) 10/100 BASE-TX	SISTM101x-162-LRx SISTM1010-180-LRx
Managed Switches	Description	Part Number
	Fast Ethernet Managed Switch	
	8-port 100BASE-FX Layer 2 with (1) SFP uplink port	MIL-SM808GP(xx)
	10/100 Managed Switches	
	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
	24-port 10/100BASE-TX Layer 2 Stackable with (1) slot for dual-port uplink modules	MIL-SM2401M-STK
	24-port 10/100BASE-TX Layer 2 with (1) slot for dual-port uplink modules with internal DC power supply	MIL-SM2401M-DC
	10/100 Power Over Ethernet Managed Switch	
	48-port 10/100BASE-TX Multi-Layer Stackable with (2) SFP/RJ-45 combo ports and (2) stacking ports	MIL-SM4804G
	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
	8-port 10/100 POE Remotely Managed switch with (8) POE Injector ports and (2) SFP/RJ-45 combo ports	MIL-SM8TXAF2GPA
	10/100/1000 Managed Switches	
	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
24-port 10/100/1000BASE-T Multi-layer switch with (4) SFP combo ports	MIL-SM24004TG	
Unmanaged Switches	Description	Part Number
	10/100 Unmanaged Switches	
	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	
	Compact 10/100 Unmanaged Switches	
	16-port 10/100BASE-TX	MIL-S1600S
	24-port 10/100BASE-TX	MIL-S2400S
48-port 10/100BASE-TX Plus (2) Gigabit Ports	MIL-S4800	
	10/100/1000 Unmanaged Switches	
	Compact 8-port 10/100/1000BASE-T with internal power supply	MIL-S8TA
	8-port 10/100/1000BASE-T with (1) SFP uplink slot	MIL-S8001TG
24-port 10/100/1000BASE-T with (2) SFP uplink slots	MIL-S24T2GPA	

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



Power Over Ethernet	Description	Part Number
	POE Injectors & Splitters	
	1-port POE injector	MIL-L100i
	8-port POE injector hub	MIL-L800i
	1-port Dual Voltage Splitter	MIL-L100s

	POE Media Converters (PSE)	
	10BASE-T to 10BASE-FL	SEPOE101x-150
	100TX to 100FX	SFEPE101x-1x0
	10/100TX to 100FX	SPOEB10xx-100
	10/100TX to 100FX - JCI	J/POE-CF-01(xx)
	10/100/1000T to 1000X	SGPOE10xx-1x0
	POE Media Converters (PD)	
	10/100TX to 100FX - Mini	MP/E-PSW-FX-01(xx)

	POE Managed Switches	
	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

NICs	Description	Part Number
	Fast Ethernet	
	100BASE-FX	N-FX-xx-02
	100BASE-FX 20-pack	N-FX-xx-02-020
	100BASE-FX low profile	N-FX-xx-02(L)
	100BASE-FX low profile 20-pack	N-FX-xx-02(L)-020
	100BASE-FX Single Fiber	N-FX-SB201-02
	100BASE-FX Single Fiber low profile	N-FX-SB201-02(L)
	100BASE-FX NIC including extra low profile brackets & Boot ROM installed	N-FX-xx-02F

	Redundant Fast Ethernet	
	(2) 100BASE-FX ports	ND-FX-xx-01

	Dual Media	
	10/100TX + 100FX	NDM-FTX-xx-01
	10/100TX + 100FX 20-pack	NDM-FTX-xx-01-020
	10/100TX + 100FX low profile	NDM-FTX-xx-01(L)
	10/100TX + 100FX low profile 20-pack	NDM-FTX-xx-01(L)-020

	Dual Media Single Fiber	
	10/100TX + 100FX	NDM-FTX-SB20x-01
	10/100TX + 100FX low profile	NDM-FTX-SB20x-01(L)

	Gigabit Ethernet	
	1000BASE-SX	N-GxX-xx-01
	1000BASE-SX 20-pack	N-GxX-xx-01-020
	1000BASE-SX low profile	N-GxX-xx-01(L)
	1000BASE-SX low profile 20-pack	N-GxX-xx-01(L)-020

PCMCIA Cards	Description	Part Number
	Fast Ethernet	
	100BASE-FX	PCMxx-FX-xx-01

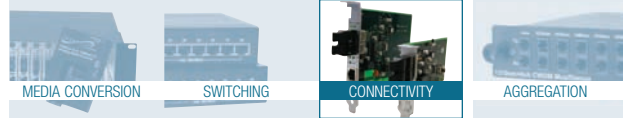
GBICs	Description	Part Number
	1000BASE-SX MM	TN-GB-MM5
	1000BASE-LX SM 10 km	TN-GB-SM5
	1000BASE-LX SM 30 km	TN-GB-SM53
	1000BASE-LX SM 50 km	TN-GB-SM55
	1000BASE-LX SM 80 km	TN-GB-SM58
	1000BASE-LX SM 120 km	TN-GB-SM512

Standard SFPs	Description	Part Number
	100BASE-FX/OC-3	
	Multimode or Single Mode	TN-SFP-OC3x
	CWDM Single Mode	TN-SFP-OC3-Cxx
	OC-12/STM-4	
	Multimode or Single Mode	TN-SFP-OC12x
	CWDM Single Mode	TN-SFP-OC12-Cxx
	1000BASE-SX	
	Multimode	TN-SFP-SXx
	Extended Multimode	TN-SFP-ESXx
	CWDM Single Mode	TN-SFP-LX8-Cxx
	1000BASE-LX	
	Single Mode	TN-SFP-xLXxx
	OC-48/STM-16/Fibre Channel 1x/2x/1000BASE-X	
	Multimode or Single Mode	TN-SFP-FC2xxx
	CWDM Single Mode	TN-SFP-OC48-Cxx


Cisco Compatible SFPs	Description	Part Number
	1000BASE-T	
	UTP (RJ-45)	TN-GLC-T
	1000BASE-SX	
	Multimode	TN-GLC-SX-MM
	1000BASE-LX	
	Single Mode	TN-GLC-LH-SM
	Single Mode	TN-GLC-ZX-SM
	Single Mode Bi-Di	TN-GLC-BX-x

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

patch cords



Fiber Patch Cords



FPC - - - - - **M**

Cable Type	
MD5	MM 50/125µm duplex
MD6	MM 62.5/125µm duplex
SD	SM 8/125µm duplex
MD5G	MM 50/125µm duplex (10-Gigabit Optimized)

Length	
xx	Length in meters


Available lengths:
1, 2 and 3 meters
Note: Other lengths may be available upon request.

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	
5EB	Cat 5e straight-through
X5ER	Cat 5e crossover
6B	Cat 6 straight-through
X6R	Cat 6 crossover

Length	
xx	Length in feet

03 = 3 ft. [0.91 m]
Available lengths:
1, 2, 3, 5 and 10 feet

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.

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