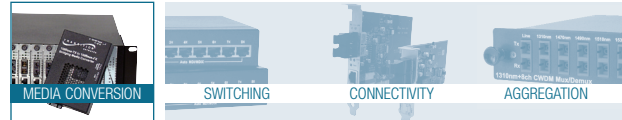


media conversion



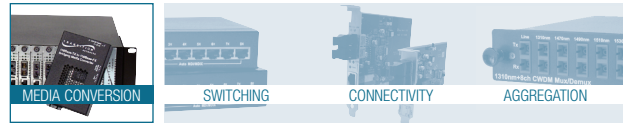
visit www.transition.com for complete product information

Ethernet	Description	Point System™ Card	Stand-Alone	Just Convert-IT™	PCI-Powered	
	Ethernet					
	10BASE-2 to 10BASE-T 10BASE-T to 10BASE-FL MM or SM	CETCT1020-100 CETTF10xx-x0x		J/E-CX-TBT-02 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 MM or SM or 100BASE-TX to 100BASE-FX MM or 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 100TX to 100FX MM or SM Class B	CFETF101x-105 CFETF101x-205		E-100BTX-FX-05(xxxx) J/FE-CF-03(xx)		E-100BTX-FX-Nxx-01(xx)
	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 10/100TX Redundant Link Protector	CFBRM10xx-1xx CBFTF1010-130	SFBRM10xx-1xx SBFTF1010-130 or MIL-FT240TX			
	10/100TX to 100FX MM or SM Mini 10/100TX to 100FX MM or SM	CBFTF10xx-xxx	SBFTF10xx-xxx Mx/E-PSW-FX-01(xx)	J/E-PSW-FX-02(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 1000BASE-BX/LX/SX SM or MM	CFBRM13xx-1xx	SFBRM13xx-1xx			

Available options in most media converter product families:

- Multimode, Single Mode or Single Fiber
- ST, SC or MT-RJ connector types

media conversion



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
	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

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	CBFFG13xx-1xx	SBFFG13xx-1xx	

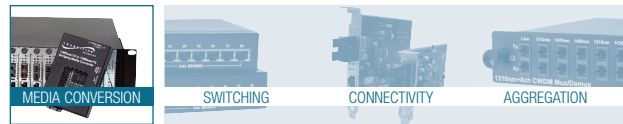
Protocol Independent	Description	Point System™ Card	Stand-Alone
	Optical Line Converter with SFP slots		
	(2) slots for SFP modules	CFMFF4040-100	SFMFF4040-100

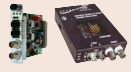
ATM/OC-X	Description	Point System™ Card	Stand-Alone
	OC12 ATM/SONET/SDH		
	Multimode to Single Mode	CFMFF1xxx-21x	F-SM-MM-06 or SFMFF131x-210




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	


- Multimode, Single Mode or Single Fiber
- ST, SC or MT-RJ connector types


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
	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"	WMBS
	Vertical Wall Mount Bracket	WMBV
Ext. Vertical Wall Mount Bracket	WMBV-E	
	Wide Input (18 – 60VDC) Power Supplies	
	Piggy Back	SPS-1872-CC
	Piggy Back Double High	SPS-1872-DPS
	Point System™	
	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**





Available options in most media converter product families:




- Multimode, Single Mode or Single Fiber
- ST, SC or MT-RJ connector types

media conversion
managed & unmanaged switches

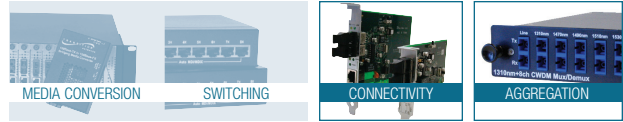



10/100 Industrial	Description	Part Number
	Industrial Media Converter Unmanaged 10/100BASE-TX to 100BASE-FX MM or SM	SISTF101x-111-LR(T)
	Industrial Switch Unmanaged (4) 10/100BASE-TX to (1) 100BASE-FX MM or SM (5) 10/100BASE-TX (8) 10/100BASE-TX	SISTF101x-141-LR(T) SISTF1010-150-LR(T) SISTF1010-180-LR(T)
	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-LR(T) SISTM1010-180-LR(T)



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 8-port 10/100BASE-TX Layer 2 with (1) 100BASE-FX uplink port 8-port 10/100BASE-TX with (1) 100BASE-SX Gigabit uplink port 24-port 10/100BASE-TX Layer 2 Stackable with (1) slot for dual-port uplink modules 24-port 10/100BASE-TX Layer 2 Stackable with (1) slot for dual-port uplink modules with internal DC power supply 48-port 10/100BASE-TX Multi-Layer Stackable with (2) SFP/RJ-45 combo ports and (2) stacking ports	MIL-SM800P MIL-SM801P(xx) MIL-SM801G MIL-SM2401M-STK MIL-SM2401M-DC MIL-SM4804G
	10/100 Power Over Ethernet Managed Switch 24-port 10/100BASE-TX POE Layer 2 Remotely Managed with (2) SFP/RJ-45 combo ports 8-port 10/100 POE Remotely Managed switch with (4) POE Injector ports and (1) SFP/RJ-45 combo port	MIL-SM2401MAF MIL-SM802GAF
	10/100/1000 Managed Switches 8-port 10/100/1000BASE-T Layer 2 Remote IP-managed with (2) SFP/RJ-45 combo ports for Indoor/Protected Outdoor 24-port 10/100/1000BASE-T Multi-layer switch with (4) SFP combo ports	MIL-SM8002TG MIL-SM24004TG




Unmanaged Switches	Description	Part Number
	10/100 Unmanaged Switches 5-port 10/100BASE-TX 5-port 10/100BASE-TX with (1) fiber port 8-port 10/100BASE-TX 8-port 10/100BASE-TX with internal power supply 8-port 10/100BASE-TX with (1) fiber port	MIL-S500 MIL-S501(xx) MIL-S800 MIL-S800i MIL-S801(xx)
	Compact 10/100 Unmanaged Switches 16-port 10/100BASE-TX 24-port 10/100BASE-TX	MIL-S1600S MIL-S2400S
	10/100/1000 Unmanaged Switches 5-port 10/100/1000BASE-T Compact 8-port 10/100/1000BASE-T with internal power supply 8-port 10/100/1000BASE-T with console management 8-port 10/100/1000BASE-T with (1) SFP uplink slot 24-port 10/100/1000BASE-T with (2) SFP uplink slots	MIL-S5000T MIL-S8TA MIL-S8000G MIL-S8001TG 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)
	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


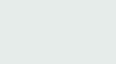
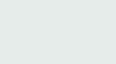
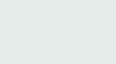

	Dual Media	
	10/100TX + 100FX	NDM-FTX-xx-01
	10/100TX + 100FX 20-pack	NDM-FTX-xx-01-020
	10/100TX + 100FX low profile	NDM-FTX-xx-01(L)
	10/100TX + 100FX low profile 20-pack	NDM-FTX-xx-01(L)-020




	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

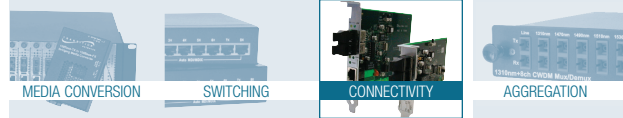
GBICs	Description	Part Number
	1000BASE-SX MM	TN-GB-MM5
	1000BASE-LX SM 10 km	TN-GB-SM5
	1000BASE-LX SM 30 km	TN-GB-SM53
	1000BASE-LX SM 50 km	TN-GB-SM55
	1000BASE-LX SM 80 km	TN-GB-SM58
	1000BASE-LX SM 120 km	TN-GB-SM512

Standard SFPS	Description	Part Number
	100BASE-FX/OC-3	
	Multimode or Single Mode CWDM Single Mode	TN-SFP-OC3x TN-SFP-OC3-Cxx
	OC-12/STM-4	
	Multimode or Single Mode CWDM Single Mode	TN-SFP-OC12x TN-SFP-OC12-Cxx
	1000BASE-SX	
	Multimode	TN-SFP-SXx
	Extended Multimode CWDM Single Mode	TN-SFP-ESXx 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 CWDM Single Mode	TN-SFP-FC2xxx 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

Course Wavelength Division Multiplexing CWDW	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.

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

6475 City West Parkway
 Eden Prairie, MN 55344 USA
 tel: 952.941.7600
 toll free: 800.526.9267
 fax: 952.941.2322

sales@transition.com
 info@transition.com
 techsupport@transition.com
 www.transition.com

Sales Offices

<p>North America Canada - Eastern (ON, PQ, NB, NS, PEI, NF/LB) tel +1-603-750-7169 fax +1-815-360-7401</p> <p>Canada - Western (YT, NT, NU, BC, AB, SK, MB) tel +1-425-487-6788 fax +1-360-234-9170</p> <p>Latin America Mexico, Central America, Caribbean tel: +1-952-996-1517 fax: +1-952-941-2322</p> <p>South America Office: +1-727-812-9656 Mobile: +1-954-376-1037 Fax: +1-952-941-2322</p> <p>Brazil tel: +55 11 8244-7630</p>	<p>Europe EMEA Headquarters / Germany tel +49 611 974 8460 fax +49 611 950 4672</p> <p>Eastern Europe tel +420 2 2426 6901 fax +420 2 2426 6854</p> <p>Sweden tel/fax +46 8 243 454</p> <p>United Kingdom tel +44 1691-830016 fax +44 1691-830876</p> <p>Asia China / Hong Kong tel +1-952-941-7600 fax +1-952-941-2322</p> <p>India tel +65 6288-9810 fax +65 6234-0564</p> <p>Japan tel +81 03 3357 9980 fax +81 03 5360 4480</p> <p>Southeast Asia tel +65 6288-9810 fax +65 6234-0564</p>
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