

## Power Consumption Data Sheet

The individual power requirements of the TRANSITION Networks media converters are detailed in this manual. Power consumption data for both the stand-alone and slide-in-module media converters is included.

### Stand-Alone Media Converter

The table below lists the typical power consumption of the individual stand-alone media converters.

Media Converter	Type	Typical Power Watts
A-CF-02	UTP to Fiber	2.6
E-100BTX-FX-05	100Base-TX to 100Base-FX	4.1
E-TBT-FRL-05	10Base-T to 10Base-FL	2.3
E-TBT-FRL-05 (HT)	10Base-T to 10Base-FL (high temperature)	2.7
F-SM-MM-02	SM to MM - Fast Ethernet or ATM	3.5
F-SM-MM-04	SM to MM - Gigabit Ethernet	3.5
F-SM-MM-05	SM to MM - Ethernet or Token Ring	3.1
F-SM-MM-06	SM to MM - OC-12 ATM / SONET	3.1
J/E-CF-02	10Base-t to 10Base-FL	2.8
J/RX232-xx-01	RS232 to Fiber	3.0
J/E-PSW-FX-02	10/100Base-TX to 100Base-FX	2.5
J/FE-CF-03	100Base--TX to 100Base-FX	3.1
SAPTF	POTS 2-wire copper to fiber	7.0
SBFTF	10/100Base-TX to 100Base-FX (-100, -110)	4.9
SBFTF	10/100Base-TX to 100Base-FX (-120, -140)	9.0
SBFTF	10/100Base-TX to 100Base-FX (-150)	4.1
SCSFC	BNC Coax to Fiber	6.0
SDFTF	Two (2) 100Base-FX Fiber Ports	6.8
SEMTF	E&M or 2/4 wire to Fiber	7.0
SFMFF	Singlemode to Multimode Fiber (all types)	3.5
SGETF	1000Base-T to 1000Base-SX/LX	5.4
SGFEB	10/100/1000Base-T to 1000Base-SX/LX	6.5
SPSVT	V.35/X.21/RS-449/ RS-530/RS-232 to Fiber	6.0
SRMFE	100Base-TX to 100Base-FX (remote mgmt.)	3.4
SRS2F	RS-232 to Fiber	5.0
SRS4F	RS-422 / -485 to Fiber	5.0
SSDTF	RJ-45 or BNC to Fiber (T1/E1)	6.0
SSETF	10/100Base-TX to 10/100Base-SX	3.6
TR-CF-01	Token Ring - UTP to Fiber	2.7

### Slide-in-Module Media Converter

The table below lists the typical power consumption of the individual slide-in-module media converters.

Media Converter	Type	Typical Power Watts
CAPTF	POTS 2-wire copper to fiber	7.0
CBFTF	10/100Base-TX to 100Base-FX (-100, -110)	4.9
CBFTF	10/100Base-TX to 100Base-FX (-120, -140)	9.0
CBFTF	10/100Base-TX to 100Base-FX (-150)	4.1
CCSFC	BNC Coax to Fiber	6.0
CDFTF	Two (2) 100Base-FX Fiber Ports	6.8
CEMTF	E&M or 2/4 wire to Fiber	7.0
CETCT	10Base-T to 10Base-2	3.0
CETTF	10Base-T to 10Base-FL	2.3
CFETF	100Base-TX to 100Base-FX	3.4
CFMFF	ATM / Fast Ethernet / OC-12 / SONET / ATM	3.5
CFMFF	1000Base-SX to 1000Base-LX	3.5
CGETF	1000Base-T to 1000Base-SX/LX	6.5
CGFEB	10/100/1000Base-T to 1000Base-SX/LX	6.5
CPSVT	V.35 / X.21 / RS-449 / RS-530 / RS-232 to Fiber	6.0
CRMFE	100Base-TX to 100Base-FX (remote mgmt.)	3.4
CRS2F	RS-232 to Fiber	5.0
CRS4F	RS-422 / -485 to Fiber	5.0
CSDTF	RJ-45 or BNC to Fiber (T1/E1)	6.0
CSETF	10/100Base-TX to 10/100Base-SX	3.6

**NOTE:** The slide-in-module media converters are designed to be installed in a Transition Networks PointSystem chassis. It is important to remember that **the combined power consumption of all slide-in-modules installed in a single chassis must not exceed the available power supply of the chassis.** Failure to observe this caution may result in diminished system reliability.

Contact Transition Networks Technical Support to ensure the power requirements for your specific application do not exceed the available power.

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