



## General Specifications

### Standard Compliance

IEEE 802.3u, 100Base-TX, 10Base-T, FDSE  
100Base-FX

### Conversion Method

**BMD** (Buffered Media Domain)

### 10/100Base-TX port

Shielded RJ-45  
Half/Full Duplex support via auto-sensing or manual setting (DIP switch)  
100m over UTP/STP Cat.5 cable  
Auto-Polarity correction  
MDI-II/MDI-X selection  
10Base-T support via auto-sensing or manual setting (DIP switch)

### 100Base-FX port

1310nm, single-mode, **one** SC connectors  
Distance - 20Km  
Half or Full Duplex (DIP switch selectable)  
Output Power: -20dbm or better  
Input Sensitivity: -30dbm or better  
@9/125  $\mu$ m fiber

### Diagnostics

Full Duplex, Link, RCV - FX port  
Full Duplex, Link, RCV, 100Mbps - TX port  
Power

### Controls

FX: FDX/HDX  
TX: 10/100, FDX/HDX,  
Auto-Sense enable/disable

## Environmental and Physical

### Power-Supply

Internal, 100 to 240 VAC, 50-60Hz  
-48VDC power supply - optional

### Power Consumption

6 Watts maximum

### Operating Temperature

0° to +40°C (+32° to 104° F)  
Humidity: 10% to 90% non-condensing

### Storage Temperature

-30° to +65° C (-22° to +149° F)

### Safety

UL 1950:1995, EN 60950

### EMC

FCC part 15, Subpart B, Class A; VCCI Class B;  
ICES 003:1997, Class A; EMC Directive 89/336/EEC

### Dimensions

120x170x40mm (4.7"x6.7"x1.6")

### Weight

0.8 kg (1.8lb) max.

## Ordering Information

### S.CON1/SM/F1

Single Fiber Strand, single mode  
10/100BaseTX-FX Media Converter

### CTF-RM

19" rack shelf for installation of up to 3  
S.CON1/SM/F1 devices

### International:

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