

# SBus Adapter Technical Specifications

Table A-1 provides a detailed description of the CDDI/FDDI SBus single and dual attachment adapter specifications.

**Table A-1 CDDI/FDDI SBus Adapter Specifications**

|                           | <b>FDDI SBus Adapter</b>                                                                                                                                 | <b>CDDI SBus Adapter</b>                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (H x W x D)    | Single attachment adapter: 0.75 x 3.3 x 5.78"<br>(1.9 x 8.4 x 14.6 cm)<br><br>Dual attachment adapter:<br>0.75 x 6.72 x 5.78"<br>(1.9 x 17.07 x 14.6 cm) | Single attachment adapter:<br>0.75 x 3.3 x 5.78"<br>(1.9 x 8.4 x 14.6 cm)<br><br>Dual attachment adapter:<br>0.75 x 6.72 x 5.78"<br>(1.9 x 17.07 x 14.6 cm) |
| Power requirements        | +5V @ 1.8A (maximum)<br>+12V @ 30 mA (maximum)                                                                                                           | +5 V @ 1.5A (maximum)<br>+12 V @ 30 mA (maximum)                                                                                                            |
| Power dissipation         | 9.4 watts (W) (maximum)<br><br>Single attachment adapter:<br>5W (typ)<br><br>Dual attachment adapter:<br>6W (typ)                                        | 7.9W (maximum)<br><br>Single attachment adapter:<br>4W (typ)<br><br>Dual attachment adapter:<br>5W (typ)                                                    |
| Environmental conditions: |                                                                                                                                                          |                                                                                                                                                             |
| Operating temperature     | 32 to 104°F (0 to 40°C)                                                                                                                                  | 32 to 104°F (0 to 40°C)                                                                                                                                     |
| Storage temperature       | –40 to 167°F (–40 to 75°C)                                                                                                                               | –40 to 167°F (–40 to 75°C)                                                                                                                                  |
| Relative humidity         | 10 to 90% (noncondensing)                                                                                                                                | 10 to 90% (noncondensing)                                                                                                                                   |

---

|                            | <b>FDDI SBus Adapter</b>                                                                                    | <b>CDDI SBus Adapter</b>                                                                                    |
|----------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| EMI certifications         | FCC Class B (47 CFR, Part 15)<br>CISPR Class B<br>VDE Class B<br>EN55022 Class B<br>VCCI Class 2<br>CE Mark | FCC Class A (47 CFR, Part 15)<br>CISPR Class A<br>VDE Class B<br>EN55022 Class A<br>VCCI Class 1<br>CE Mark |
| Network connector          | MIC                                                                                                         | RJ-45                                                                                                       |
| Station-to-station cabling | Up to 2 kilometers of either<br>62.5/125-micron or<br>50/125-micron multimode fiber                         | Category 5 UTP: up to 100 meters<br>IBM Type 1 STP: up to 100<br>meters <sup>1</sup>                        |
| Faceplate indicators       | Status, ringop                                                                                              | Status, ringop                                                                                              |
| SBus compliance            | SBus A.2 specification                                                                                      | SBus A.2 specification                                                                                      |

1. Defined in EIA/TIA 568.