

- HSSI to EIA-530 interface conversion
- Transparent operation at up to 20 Mbps
- DCE or DTE options
- Configurable control signal mapping
- Integral auto-sensing PSU



### Metrodata baseband converters

The Metrodata Baseband Converter product range enables the conversion between an EIA-530 and a HSSI interface as found on a range of industry standard equipment such as Routers or Satellite modems with HSSI interfaces. The product range consists of devices which offer an EIA-530 connection to a HSSI DTE (Router) or a HSSI DCE (Satellite modem).

The HSSI interface is presented on an industry standard 50-way SCSI-2 type connector, whilst the EIA-530 is presented on a 25-way D type connector.

Bit-switches are provided on the unit baseplate to offer simple yet flexible configuration options for the control signals. Each control signal can be configured either to follow an input control or to be driven to the ON state permanently. Flexible control mapping enables functions such as Crypto resynchronisation to be supported even across different interfaces.

### Specifications

EIA-530 Up to 20Mbps		Compliance & Approvals	
Presentation	25-way D type, DCE female, DTE male	Safety	EN60950
Signals	SD, ST, TT, RD, RTS, CTS, DCD, DSR, DTR	EMC	EN55022, EN50082
HSSI Port		Environment	
Presentation	50-way AMP (SCSI-2)	Storage Temp	-20 to +70 deg C
Signals	SD, ST, TT, RD, RT, CA, TA, LA, LB, LC, TM	Operating Temp	0 - 50 deg C
Power supply		Humidity	0 - 95%, non condensing
-48VDC Supply	-40 to -72 VDC, 165 - 95 mA	Pressure	86 - 106 KPa
AC Mains	100-250 VAC, 50-400 Hz, 65-28 mA, IEC connector	Packaging	
Power Consumption	6.5 watts approx when operating	Type	
		Dimensions (W x D x H mm)	
		Rackmount	202 x 132 x 44 (without feet)
		Tabletop	202 x 132 x 48 (with feet)

### Order codes

Product	100-250 VAC	-48 VDC
BC2000 HSSI DTE	80-05-562	80-21-562
BC2100 HSSI DCE	80-05-563	80-21-563
1U 2Unit Rackmount Kit	80-05-256	80-05-256
6U 18Unit Rackmount Kit	80-05-250	80-05-255

### About Metrodata

Founded in 1989 and based near London's Heathrow airport, Metrodata is a leading designer and manufacturer of datacommunications hardware for Fixed line, Satellite, Enterprise and Carrier networks. Specialising in interoperability and interconnectivity, Metrodata offers a range of Standard, Niche and System Integrated type products. These include Media converters, Interface converters, Fibre converters, Ethernet extenders and ATM switching and Circuit emulation products. Other specialist products manage high data rates and clock sensitive applications to ensure higher network performance. Metrodata provides COTS products to the commercial, government and defence sectors, as well as developing turnkey products to specific customer requirements. For more information and data on Metrodata products, visit our web site at [www.metrodata.co.uk](http://www.metrodata.co.uk)