L3 communications
Nova Engineering

HYPERMOD
ADVANCED TELEMETRY SYSTEMS
Telemetry Systems

Hypermod™ Telemetry Best Source Selector Decoder

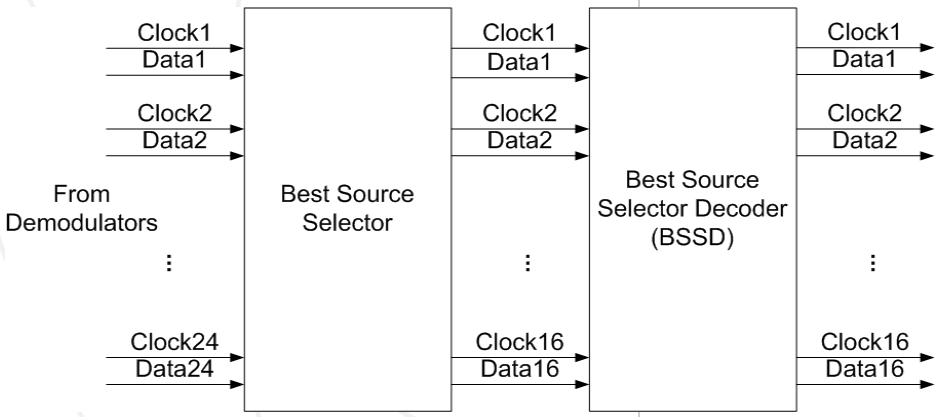
The Hypermod Telemetry Best Source Selector Decoder significantly improves the ability to gather accurate and reliable flight test telemetry data. The unit decodes an encrypted telemetry data stream as output from a demodulator/bit sync and provides an interface compatible with an industry-standard Best Source Selector.

Boost accuracy and reliability of encrypted telemetry data

- Interfaces with a standard Best Source Selector
- Reliable real-time data processing and control
- Reduces costly, time consuming post-flight data manipulation

Nova Engineering's Hypermod Telemetry Best Source Selector Decoder (BSSD) works in conjunction with the Hypermod Telemetry Best Source Selector Encoder (BSSE) and industry standard Best Source Selectors to further improve the quality and reliability of telemetry data. The BSSD removes the frame information originally put into the encrypted stream by the BSSE, leaving the original encrypted data streams. This provides an interface to a Best Source Selector and improves the efficiency and reliability of the ground-based switches by providing the most robust link possible.

The Best Source Selector Decoder is easily integrated with a standard Best Source Selector. The BSSD uses standard connectors and is easily configured and controlled with a PC/Windows GUI through a RS-232 serial interface.



The Hypermod Telemetry Best Source Selector Decoder provides a low cost and simple means to supply accurate, reliable data to test range ground stations. It gives test managers an effective means to reduce post-flight data processing and get real-time data.

Applications

- Flight Test Telemetry Data Systems

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Telemetry Best Source Selector Decoder

Data and Clock

Signal/Connector

Power

Mechanical

More information available.
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