



SEL-3021-1 Serial Encrypting Transceiver Guideform Specification

When using an encrypting transceiver the following minimum features shall be available:

AES Encryption. The SEL protocol encryption shall employ the 128-bit AES encryption algorithm.

Point-to-Point or Multidrop. The device shall be capable of operating point-to-point or in multidrop networks.

Nonintrusive Monitoring and Setting. The device shall provide an 802.11b interface or USB interface (depending on order option chosen) for setting and health monitoring control. This management port will be protected with encryption and authentication algorithms.

FIPS Compliant Design. The encrypting transceiver is NIST FIPS 140-2 Level 2 validated.

Automatic Rekeying. The device shall periodically rekey with 128-bit entropy keys.

