

GS-SIB-01

Status Indicator Bar for visual identification of satcom network ready/not-ready status

The GS-SIB-01 status indicator bar is a special application accessory developed and manufactured by Latitude Technologies for use with SkyNode LMC and custom LMC devices in Globalstar satcom environments. LMC devices must have firmware versions that support network status monitoring of Globalstar satcom equipment and network parameters.



Description:

The GS-SIB-01 consists of resin-encapsulated circuitry to drive two bi-colour (green/amber) light emitting diodes (LEDs) via two controlling logic lines plus a ground and supply voltage line originating from a LMC device.

Each LED is labelled "BUSY" or "SATLINK" and is used for visual status assessment of both Globalstar satcom and LMC tracking equipment.

The GS-SIB-01 is designed for interface and operation with a LMC device using specific signals from the LMC high-density 15 pin "I/O Port" jack.

System Requirements:

The GS-SIB-01 interfaces to LMC devices with firmware versions that support network status monitoring of Globalstar satcom equipment and network parameters. There is presently firmware support for the following equipment: NAT STX100-000, AA-467539-01, GSP2800, GSP1600 and GCK1410 car kit.

The GS-SIB-01 is hardware configured for use with either 12 VDC or 28 VDC systems. Different current-limiting resistors are used to drive LEDs to optimum brightness for each voltage supply system.

Physical Specifications:

Dimensions: 120 mm length x 18 mm diameter (half round section).

Housing: 21AC-7C Epoxy encapsulating resin with black pigment.

Voltage: 12 VDC or 24 VDC models. Only 12 VDC models are specifically marked.

IMPORTANT: GS-SIB-01 model voltage must match system voltage.

Current: < 50 mA.

Short circuit protection: Internal reset-able fuse (250 mA hold, 500 mA trip).

Cable type: MIL-W-22759/16, shielded 4 conductor 22 ga., P/N: M27500-22TE4T14