



SatCom[®]6

satellite communications technology

NEW



www.vialite.com

SatCom^{®6}

Satellite communications technology from *ViaLite*

The *SatCom6* is a new enclosure designed specifically for teleports and ground stations. The enclosure is weatherproof, accepts up to 6 *ViaLiteHD* RF and digital modules plus dual power supplies, SNMP remote control and LNB powering.

Dual redundant power supplies

- Hot swappable

Integrated SNMP (Optional)

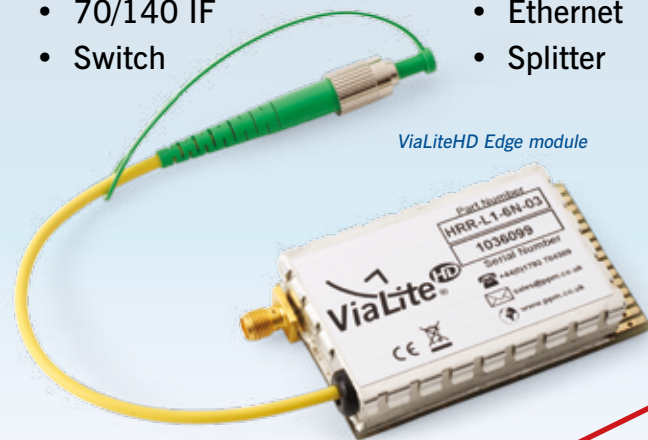
- Full SNMP and web browser capability
- Built in ethernet switch

Optical Connectors Options

- SC/APC
- FC/APC
- E2000/APC

Up to 6 *ViaLiteHD* Edge modules

- L-band
- 1-50MHz reference
- 70/140 IF
- Switch
- Serial Digital
- 1:1 Redundancy
- Ethernet
- Splitter



ViaLiteHD Edge module

Wall Mount (standard)

- Pole mounting kit optional

Rear space for:

- Ancillary components e.g., multi-way splitter, duplexer, high power bias tees
- Fiber dressing
- Fiber splice tray

Stainless steel enclosure

- Weatherproof
- NEMA 4
- Paint optional
- IP66

Motherboard

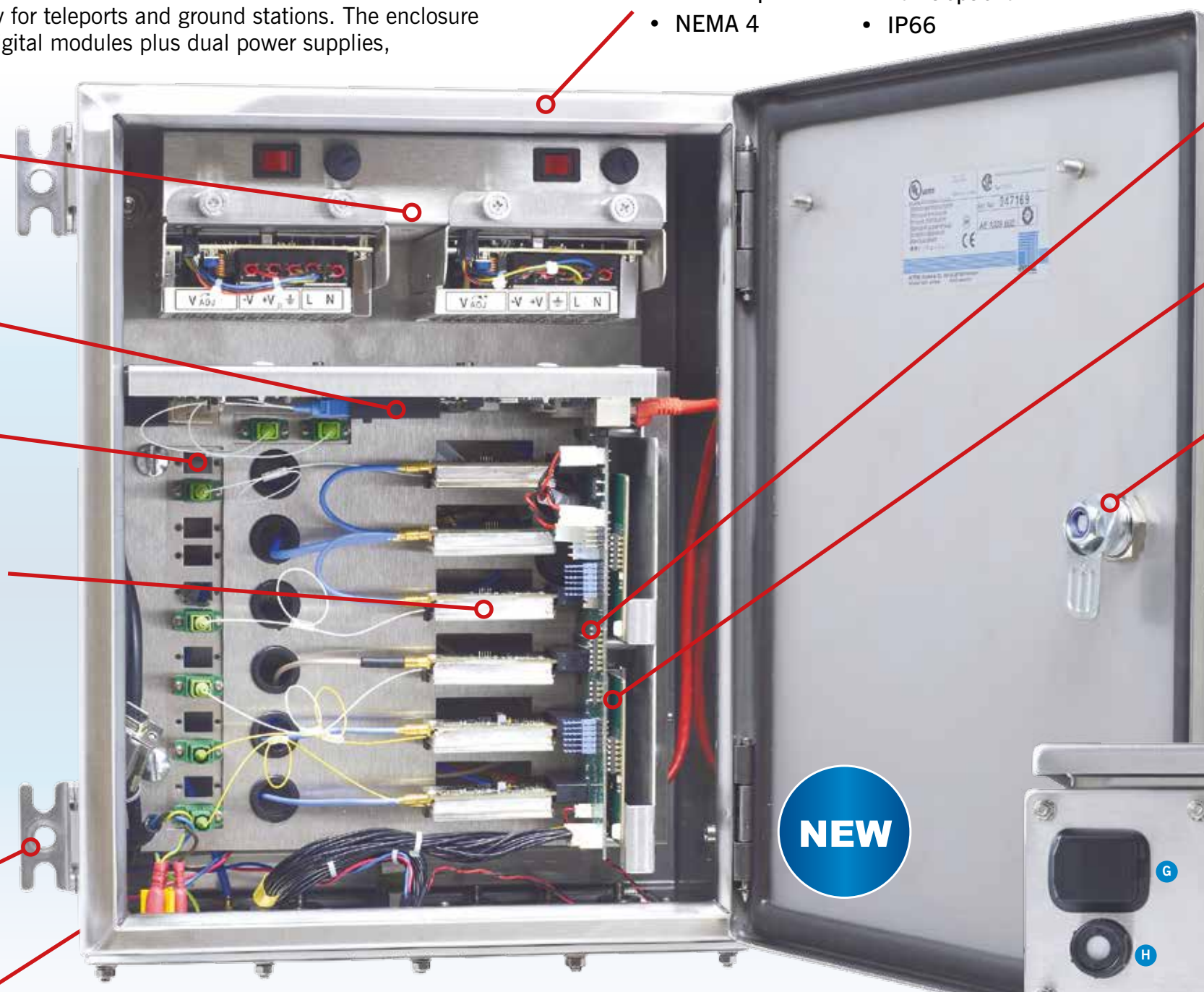
- LNA/B power routing
- Hardware configuration options

Optional LNA/LNB powering

- Up to 2 independent power supplies
- 13/18/22V and 22KHz tone

Optional cabinet lock

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NEW

A Heavy duty configurable connector

Allows up-to 4 inserts: power, RJ45, digital, analogue, earth stud

- B** LED Status
- C** Waterproof 25 pin D-type, analogue/digital signals, external power
- D** Waterproof RJ45 ethernet connector
- E** Masterline optical gland or PG gland
- G** Neutrix power
- H** Hydrophobic breather
- I** N-type RF1
- J** N-type RF2
- K** N-type RF3
- L** N-type RF4
- M** N-type RF5
- N** N-type RF6

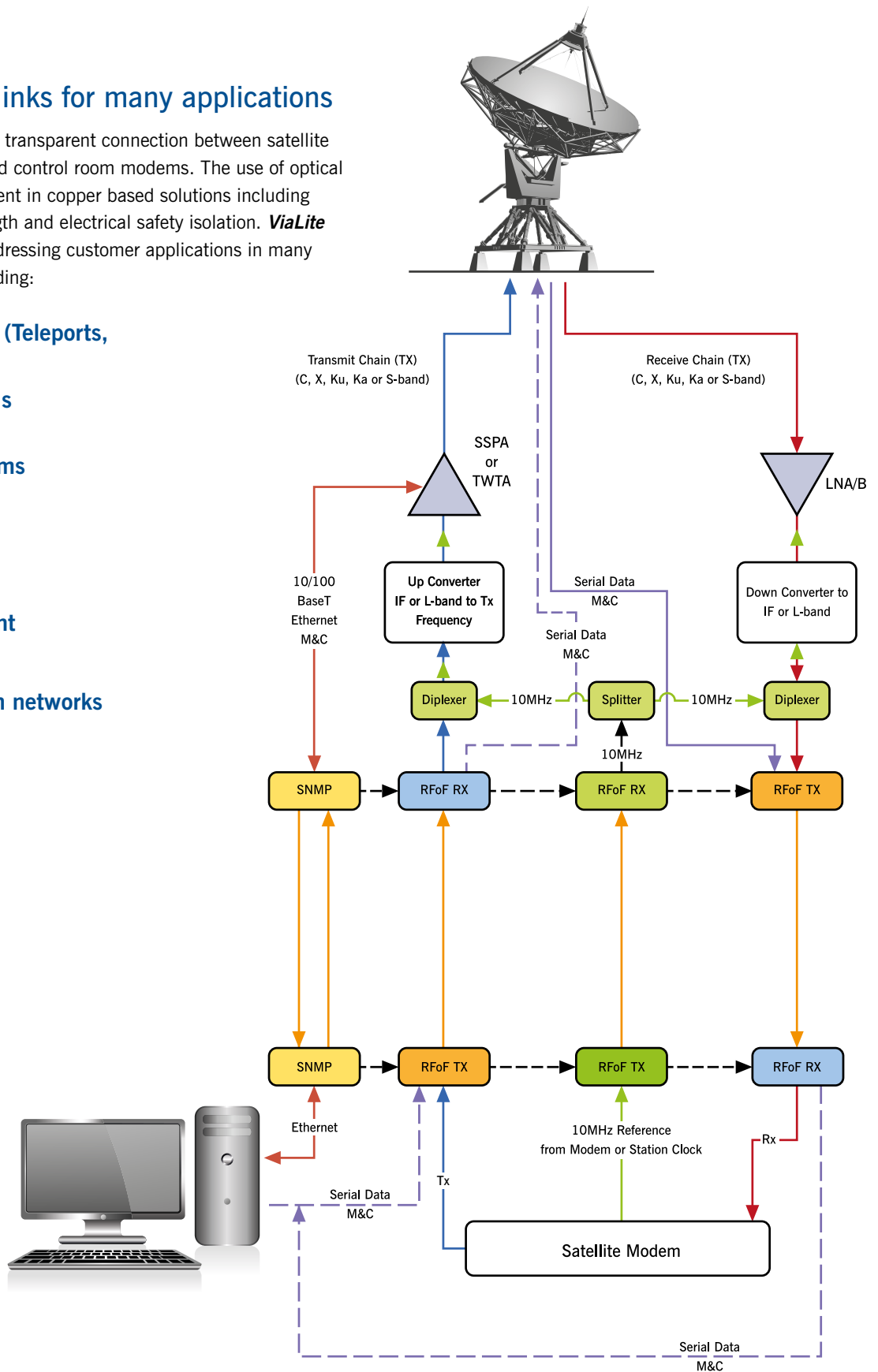


Actual layout may differ from this illustration

Versatile fiber optic links for many applications

ViaLite fiber optic links create a transparent connection between satellite antenna up/down-converters and control room modems. The use of optical fiber overcomes problems inherent in copper based solutions including electrical interference, path length and electrical safety isolation. **ViaLite** has a proven track record in addressing customer applications in many satcom market segments, including:

- Fixed Satellite Stations (Teleports, Earth Stations)
- Mobile Satellite Stations (SNG, Military, Land)
- Broadband VSAT systems
- Broadcast centers
- Marine
- Oil & Gas Platforms
- OEM Satcom Equipment
- TVRO
- Military communication networks



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