

CEFA-C-MP-SPIDERLITE SERIES

CW ERBIUM FIBER AMPLIFIER C-BAND MULTI-PORT



FEATURES

- High power 1550nm amplifier
- Multiple ports up to 64
- Several power configurations per port (64x16dBm, 32x19dBm, 16x21dBm, 8x21dBm...)
- Low noise figure
- Low analog signal distortion (CNR, CSO, CTB)
- Low power consumption (over the whole operating temperature range)
- Ultra-compact module or highly sophisticated rack
- Network management interface based on SNMP V2c (rack only)
- Web server on option (rack only)
- Redundant backup of hot pluggable power supply (rack only)
- High speed remote maintenance service (rack only)
- High reliability

APPLICATIONS



Broadband/video distribution /
Digital communication / FTTx / CATV
networks

Description

The SPIDERLITE series Erbium-doped fiber amplifiers are high reliability, high power amplifiers with multiple output ports. They are optimized for use in analog and single channel digital applications.

The optical engine combines high output power with low noise figure and low analog signal distortion. Various output splitting ratios are available, up to 64 output ports depending on the type platform chosen.

These Spiderlite amplifiers are packaged in module or rack. Ultra-compact modules in MSA format have up to 8 output ports with 21dBm per port. A larger module can accommodate up to 32 ports with 19 dBm per port. The rack can be configured with up to 64 ports with 16dBm per port.

Easy supervision and remote control is allowed thanks to SNMP V2c implementation into the rack. In addition, a web server (option) is available for fast and easy supervision or software upgrades through any web browser.

Desired parameters for diagnostics or operational requirements can also be selected via the front panel on a large LCD display or over RS232 link.

3 Platforms

B 205

M 101



M 301

