

# RF & Digital Signal Transmission Over Fibre



# ViaLite<sup>®</sup> HD

*ViaLiteHD* is a completely new design based on user feedback and an understanding of the operational requirements customers face.

*ViaLiteHD* offers improved performance and a new advanced system management features.

#### KEY CAPABILITIES OF *ViaLiteHD*:

- 13 RF-to-Fibre cards per chassis
- 26 channels per chassis
- New DUAL Transmitter and Receiver technology
- Blind Mate hot swappable cards
- SNMP to monitor and programme RF cards
- Outdoor equipment for up to 50 channels

*ViaLiteHD* sets the standard and can help your company save time and cost in fibre optic installations.

# RF & Digital Signal Transmission Over Fibre



**ViaLiteHD** is a completely new RF-over-Fibre (RFoF) product range from PPM. **ViaLiteHD** provides innovative solutions to problems encountered with the transport, monitoring and control of RF signals across a range of sites and installations.

**ViaLiteHD** builds on the success of PPM's **ViaLite** product range, which has been in the market for nearly 10 years, and has been adopted by many major satellite service operators and broadcasters. **ViaLiteHD** is a new ground up design, based on extensive user feedback and the latest operational requirements that our customers face. The resulting product range provides both improved performance over conventional RF-over-Fibre products and numerous advanced management features to meet today's demanding applications.

One of the major new innovations that **ViaLiteHD** introduces is a very High Density RF channel count. Following an intensive design phase both the chassis and RF cards have been completely redeveloped to allow up to 13 RF to fibre convertor cards per chassis. In an even bigger step change, the new DUAL transmitter or receiver technology developed by PPM allows up to 26 RF channels to be accommodated in a single chassis.

Another first, for high frequency RF-over-Fibre transmission technology, is blind mating hot swappable cards, which are optional as part of the **ViaLiteHD** range. This feature allows users to upgrade systems or change configuration without breaking optical or electrical connections, which has been identified as a major user request. **ViaLiteHD** also offers the capability of local and remote (via SNMP) monitoring and programming of key RF characteristics such as link gain and signal powers.

The **ViaLiteHD** product range includes many options for outdoor equipment, for up to 50 RF channels, making direct to antenna installations simple and easy to accommodate.

**ViaLiteHD** is launched ready with cards for L-band, IF, S-band, C-band, UHF, 10MHz and a host of accessories and is scheduled to commence shipping to lead customers in the first quarter of 2010.

**ViaLiteHD** now sets the industry standard and can help your company save time and cost in fiber optic installations.

For more information contact our team at [sales@ppm.co.uk](mailto:sales@ppm.co.uk) or tel: +44 1793 784389 or view our products and services at [www.vialite.com](http://www.vialite.com)



## TYPICAL APPLICATIONS:

- Teleports
- L-Band Links
- Interfacility Links
- Wireless Cameras
- Broadcasting
- GPS
- Cellular
- Military
- Secure Comms
- Time and Frequency Distribution

## OUR CUSTOMERS:

- IntelSat
- BT
- European Broadcasting Union
- Gigawave
- VT Communications
- BBC
- SIS Outside Broadcast
- Advent Communications
- Mine Radio
- Formula One Management
- Motorola
- Paradigm
- UK MOD