RF Over Fiber Systems
1RU Rack Chassis

• Accepts up to three ViaLiteHD RF/data modules – up to six links
• Two RF/data modules + SNMP module version also available
• Incorporates backplane PCB for distribution of DC power, alarm status and data
• AC or DC variants
• Dual redundant power supplies
• Blind mate option allows hot swapping

UP TO SIX LINKS IN A COMPACT CHASSIS

The ViaLiteHD 1RU rack accepts up to three RF/data cards or two cards plus an SNMP control module. Both rack variants also feature dual power supply modules.

• Blindmate interface means all interface cables are captive in the rack, not the module.
• D-type connectors provide access to data for each module.
• Alarms, analogue monitors and LNA/LNB feeds routed to a 25 way D-type connector
• Data bus allows transfer of data between modules.

DATA PERFORMANCE CHARACTERISTICS

Max. no. of 5HP modules | HRK1S accepts 3 modules. HRK1C accepts 2 modules
Max. no. of 7HP modules | 1 SNMP module (HRK1C only)
Max. no. of PSU modules | 2
Width | 19” rack mounted equipment (approx. 483 mm)
Height | 1U (1.75 inches = approx. 44 mm)
Depth | 335 mm
Maximum weight | 1.2 kg (rack chassis ONLY), 2.6 kg (fully populated)
Cooling | Convection
Operating Temperature | -10°C to +50°C
Humidity | 0-95%, non-condensing
Power supply compatibility | AC variants: HPS-1 & HPS-1-0
| DC variants: HPS-1-DC
Rack power input | AC = 2 x IEC 60320, 3 pins each
| DC = 2 x screw terminal, 2 pins each
Chassis earth | Rear panel M4 stud
Data connector (each module position) | 9way Female D with screw-lock termination on rear of rack
Alarm concentrator connector | 25-way D-type connector concentrates alarms from each module to a common point on rear of rack
ViaLiteHD plug-in module compatibility | All types
PART NUMBERS AND OPTIONS

**RF Over Fiber Systems**

**1RU Rack Chassis**

**HRK1S – DC**

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**Options**

- S: with rear alarm and concentrator connector
- C: one slot enabled for controller module
- L: each module slot fitted with bar graph indicators

**Power source**

- BLANK: AC power source*
- DC: DC power source*

*Note – must have matching PSUs

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2 RF/data cards + SNMP module

3 RF/data card variant