

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



2 RF/data cards + SNMP module



3 RF/data card variant

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

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PART NUMBERS AND OPTIONS

HRK1S-DC

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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3 RF/data card variant