



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.



2 RF/data cards + SNMP module

- 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.



3 RF/data card variant



Data Performance Characteristics

	1RU 19" rack mounting chassis
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

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