

ViaLiteHD® – 1U Rack Chassis

1U Rack Chassis

- Accepts up to three **ViaLiteHD** RF/data Rack Chassis cards – up to six links
- Two RF/data modules plus Monitoring & Control module version also available
- Incorporates backplane PCB for distribution of DC power, alarm status and data
- AC Power supply
- Dual redundant power supplies
- Blind mate option allows hot swapping



The **ViaLiteHD** 1U Rack Chassis accepts up to three RF/data Rack Chassis cards or two cards plus a Monitoring & Control module. Both rack variants also feature dual power supply modules.

Features/Options

- Blind mate 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.

Technical Specification

	1U 19" Rack Mounting Chassis
Max. no. of 5HP modules	HRK1S accepts 3 modules. HRK1C accepts 2 modules
Max. no. of 7HP modules	1 M&C 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	-20 °C to +60 °C
Humidity	0-95 %, non-condensing
AC Power supply compatibility	HPS-1 & HPS-1-0
Rack power input (AC)	2 x IEC 60320, 3 pins each
Chassis earth	Rear panel M4 stud
Data connector (each module position)	9-way Female D-Type 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