



RF Over Fiber Systems 3RU Rack Chassis

- Accepts up to thirteen ViaLiteHD RF/data modules - up to 26 links
- AC or DC variants available
- Dual power supplies
- Incorporates backplane PCB for distribution of DC power, alarm status and data
- Blind mate option allows hot swapping



UP TO 26 LINKS PER CHASSIS

The ViaLiteHD 3RU rack accepts up to thirteen RF/data cards, plus a control module and dual power supply modules.

- *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 and analogue monitors routed to a SCSI-3 connector*
- *External LNA/LNB voltage feeds via a SCSI-3 connector*
- *Data bus allows transfer of data between modules.*

PERFORMANCE CHARACTERISTICS

Max. no. of 5HP modules	13 (in slots 1-13 only) for RF/data/redundancy modules
Max. no. of 7HP modules	1 (in slot 14 only) for SNMP
Max. no. of 6HP modules	2 (in slots 15,16 only) for power supplies
Width	19" rack mounted equipment (approx. 483 mm)
Height	3U (5.25 inches = approx. 134 mm)
Depth	265 mm (approx. 10.4")
Maximum weight	1.8 kg (rack chassis ONLY),
Cooling	Convection (slots 1-14); Forced air (slots 15,16) exhaust at rear
Operating Temperature	-10°C to +50°C
Humidity	0-95%, non-condensing
Power supply compatibility	HPS-3, HPS-DC
Rack power input	AC = 2 x IEC 60320, 3 pins each
Chassis earth	Rear panel M4 stud
Data connector (each module position)	9way Female D with screw-lock termination on back plane.
Alarm concentrator connector	J1: SCSI-3 Concentrates the alarms from each module to a common point on back plane. Type: 50 way connector Har-mik® female [SCSI-3]
Power concentrator connector	J4: SCSI-3 Allows input of external voltage feed Type: 50 way connector Har-mik® female [SCSI-3]
ViaLiteHD plug-in module compatibility	All types





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PART NUMBERS AND OPTIONS

HRK3S-DC

Options

BLANK: no additional features

S: IEC power + rear alarm and concentrator connectors

M: D38999 power + rear alarm and concentrator connectors

Power source

BLANK: AC power source*

DC: DC power source*

* Note – must have matching PSUs

