

# DS8831H Spectrum Analyzer

### Key Features

- 1U rack spectrum analyzer for remote head end monitoring
- 1 ~ 1000 MHz frequency span
- LAN connection
- Same performance as DS8831Q
- Workbench remote control software



# DS1500 RF Multiplexer

### Key Features

- Cost-effective to modify network configuration
- Full 1 GHz performance RF matrix 16 x 1
- Units can be daisy chained to support up to 256 inputs



### Specifications

RF Input	16
RF Output	1
<b>Communication Port</b>	
RS232	1 input, 1 output
LAN	10M RJ45 input
Pass band	1 ~ 1000 MHz
Insert loss	-0.5 dB
Flatness	±1 dB
Return Loss all inputs	15 dB typical
Return Loss outputs	15 dB typical
Maximum Signal level	48 dBmV Single signal
CTB	-70 dBc min 100 channels@19 dBmV

CSO	-65 dBc min 100 channels@19 dBmV
Input Crosstalk	-60 dB typ.
Isolation 16 inputs	-60 dB typ.
Switching differential	± 0.25 dB max
Noise floor	< -110 dBmV / Hz typ.
Dimension	1 RU x 19" x 304 mm
Mass	3 kg
Operating Temperature	0 to +40 °C
Storage Temperature	-40 to +70 °C
Charging	19 V DC ± 10%
Supply Current Consumption	200 mA typ.

## Solution: DS8831H+DS1500+Workbench Software=HFC Monitoring System

