

HRF-C16 ACTIVE RETURN PATH SIGNAL ORGANIZER OPTIMIZED FOR OPTICAL SEGMENTS

- Upstream frequency range up to 204 MHz
- Powering redundancy
- Optional connection to monitoring system
- Optimal signal levels without alignment by user

GENERAL DESCRIPTION

The HRF-C16 makes possible to clamp return path segments summarized with more HRF-ORx and HRF-RRx signal organizer units. Since all the splitters and direction couplers are integrated on the internal PCB, the device needs minimal space and allows to realize the less cable connections between the individual units. The ideal output signal levels are provided by the low power consumption amplifier stages in each signal route.

TECHNICAL SPECIFICATIONS**Reverse path RF parameters**

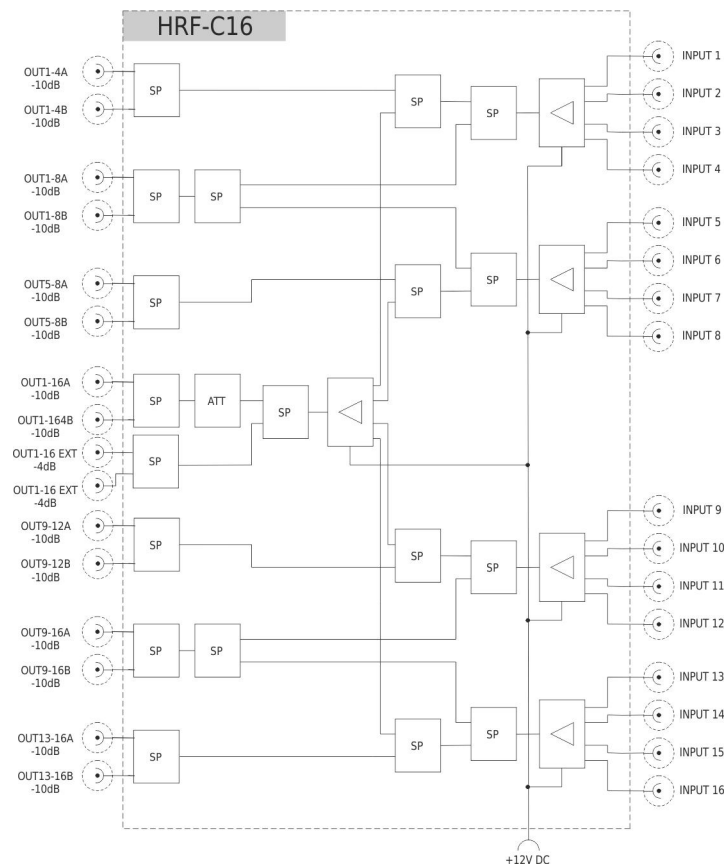
Number of input ports	16
Frequency range [MHz]	5...204
Flatness [dB]	±0.75
Summarized input groups	IN1...4, IN5...8, IN9...12, IN13...16, IN1...16
Gain from IN to OUT1...4, OUT5...8, OUT9...12, OUT13...16 [dB]	-10
Gain from IN to OUT1...16 [dB]	-4
Isolation [dB]	>65 (5...85 MHz)
Return loss [dB]	>18

General parameters

RF connector	F
Power supply voltage [VDC]	12
Maximal power consumption [W]	4
Screening factor [dB]	80
Operational temperature range [°C]	0...+40
Dimensions [mm]	43.5x483x260
Weight [kg]	3.8

Specifications are subject to change without notice!

BLOCK DIAGRAM



ORDERING INFORMATION

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