

HRF-RR4 ACTIVE RETURN PATH SIGNAL ORGANIZERS OPTIMIZED FOR COAXIAL SEGMENTS

- Upstream frequency range up to 204 MHz
- Optimal signal levels without alignment by user

GENERAL DESCRIPTION

The HRF-RR4 can handle 4 RF segments by the following construction: All the coaxial feeding lines are connected to a diplex filter that inserts the forward path signals arriving from an external source (e.g. from a HFA) and detaches return path signals that are splitted and gained in order to make them workable by the CMTS and monitoring gateways.

TECHNICAL SPECIFICATIONS**Forward path RF parameters**

Number of connectable segments	4
Frequency range [MHz]	85...1006, 105...1006
Flatness [dB]	±0.75
Return loss (40MHz -1.5dB/octave) [dB]	>18

Reverse path RF parameters

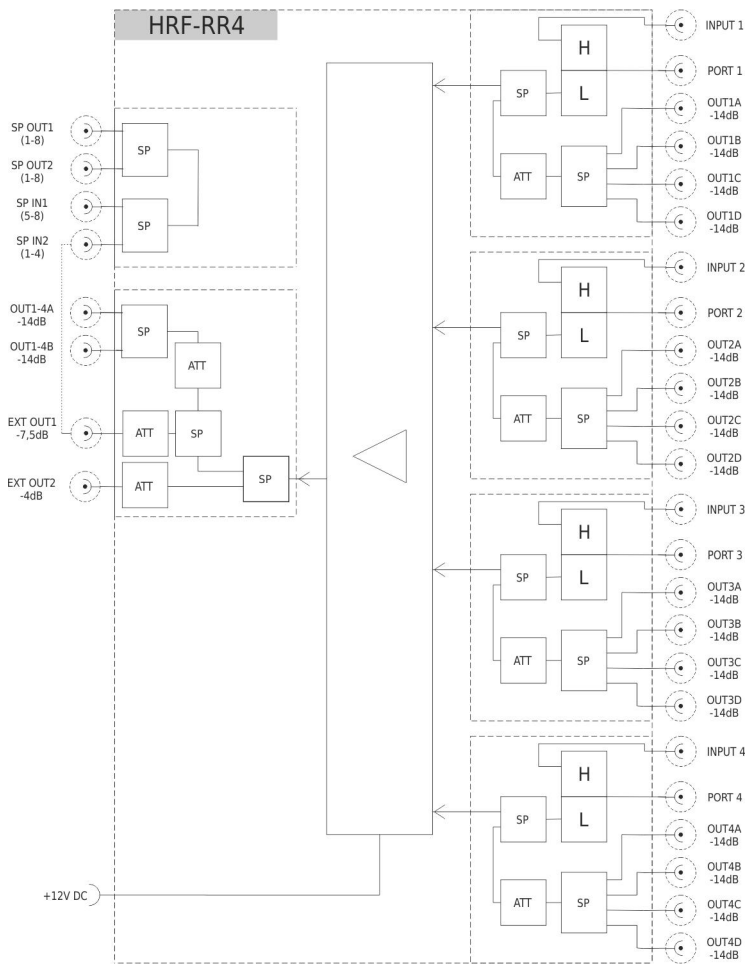
Number of connectable segments	4
Frequency range [MHz]	5...65, 5...85
Flatness [dB]	±0.75
Isolation [dB]	>65
Return loss [dB]	>18

General parameters

RF connector	F
Power supply voltage [VDC]	12
Maximal power consumption [W]	1
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

H	R	F	-	R	R	4	-	X	X
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Type of the built-in duplex filter	
65	65/85MHz duplex filter
85	85/105MHz duplex filter

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