

HRF-ORx PASSIVE RETURN PATH SIGNAL ORGANIZERS OPTIMIZED FOR OPTICAL SEGMENTS



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

GENERAL DESCRIPTION

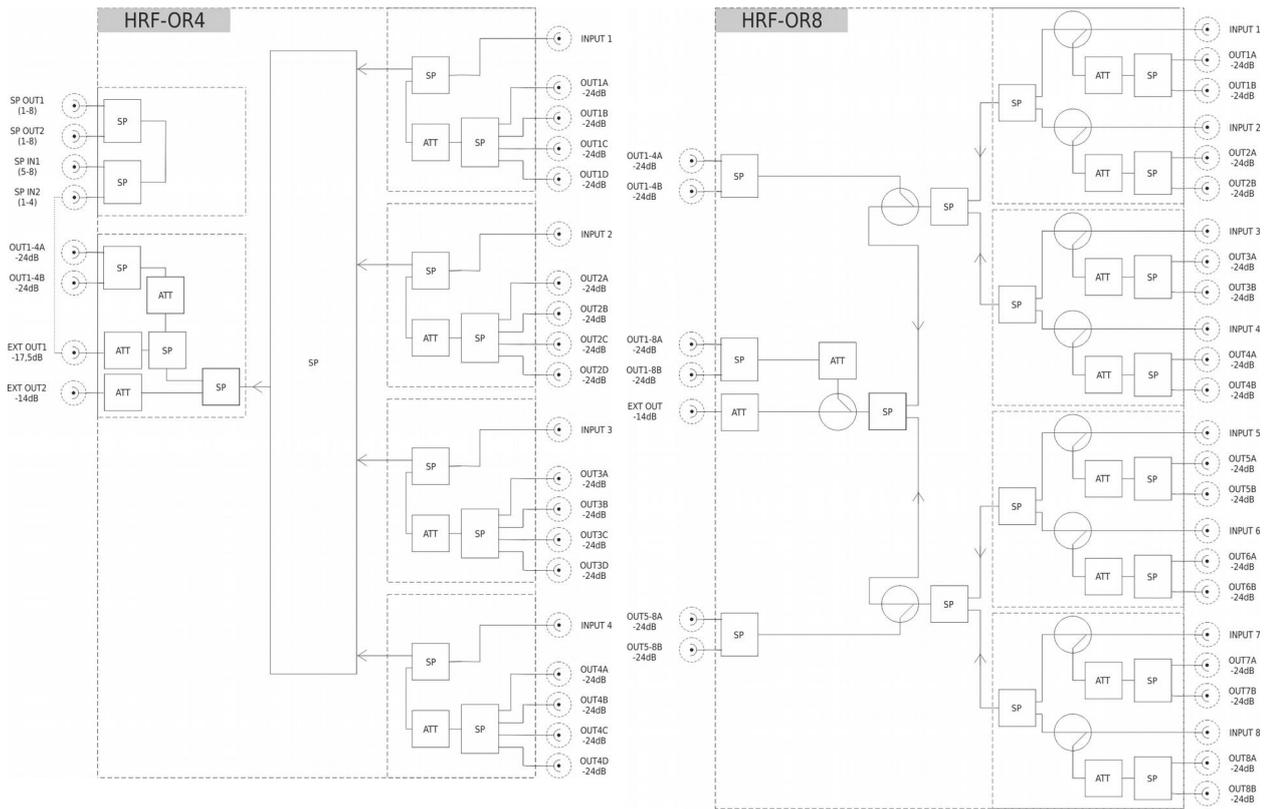
The HRF-ORx is able to realize all the needed headend connections between 4 or 8 dual channel optical receivers and the CMTS, monitoring gateways and spectrum analyser systems assigned to them. Since all the splitters and direction couplers are integrated on the internal PCB, the device needs minimal space and allows to realize the less cable connections between the individual units.

TECHNICAL SPECIFICATIONS

Reverse path RF parameters	HRF-OR4	HRF-OR8
Number of connectable segments	4	8
Frequency range [MHz]	5...204	
Flatness [dB]	±0.75	
Isolation [dB]	>65 (5...85 MHz)	
Return loss [dB]	>18	
General parameters		
RF connector	F	
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 - O R X

Number of segments	
4	Maximum 4 segments
8	Maximum 8 segments

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