

HRFM PASSIVE FORWARD PATH SIGNAL ORGANIZERS



- Modular system for flexible network building
- Fully passive solution

GENERAL DESCRIPTION

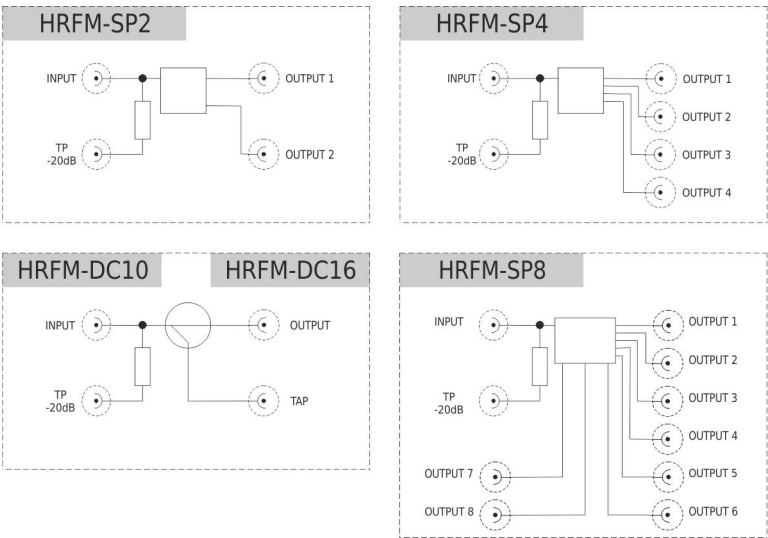
The HRFM product family contains symmetrical splitters and asymmetrical direction couplers in broadband construction. All the elements contain an additional low level testpoint beside the normal outputs. All the HRFM units can be built in into the standard 1U sized COMTECH signal organizer mainframe.

TECHNICAL SPECIFICATIONS

Splitter module parameters	HRFM-SP2	HRFM-SP4	HRFM-SP8
Frequency range [MHz]		5...1006	
Maximum insertion loss (In-Out) [dB]	4	7.5	10.5
Minimum isolation in return path (Out-Out) [dB]		35	
Minimum isolation in forward path (Out-Out) [dB]		30	
Return loss [dB]		>18	
RF connector		F	
Temperature range [°C]		-40...+60	
Direction coupler module parameters	HRFM-DC10	HRFM-DC16	
Frequency range [MHz]		5...1006	
Maximum insertion loss (In-Out) [dB]		1	
Maximum tap attenuation (In-Tap) [dB]	10		16
Minimum isolation in return path (Out-Tap) [dB]		35	
Minimum isolation in forward path (Out-Tap) [dB]		30	
Return loss [dB]		>18	
RF connector		F	
Temperature range [°C]		-40...+60	

Specifications are subject to change without notice!

BLOCK DIAGRAMS



ORDERING INFORMATION

H R F M - M F

Signal organizer module mainframe

H R F M - S P X

Signal organizer splitter modules

Number of outputs	
2	2-way splitter
4	4-way splitter
8	8-way splitter

H R F M - D C X X

Signal organizer direction coupler modules

Tap attenuation	
10	10 dB
16	16 dB

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