

Active splitter
8 inputs x SAT IF
1 input x TERR.

for:

CATV
IPTV
SAT



The 2RU 19" rack mountable shelf is equipped with high quality set of 8 x SAT IF active splitters and 1 x Terr. active splitter and with redundant power supply. It is dedicated for broad range of TV & SAT signal distribution systems like CATV / IPTV headends or multiswitch systems.

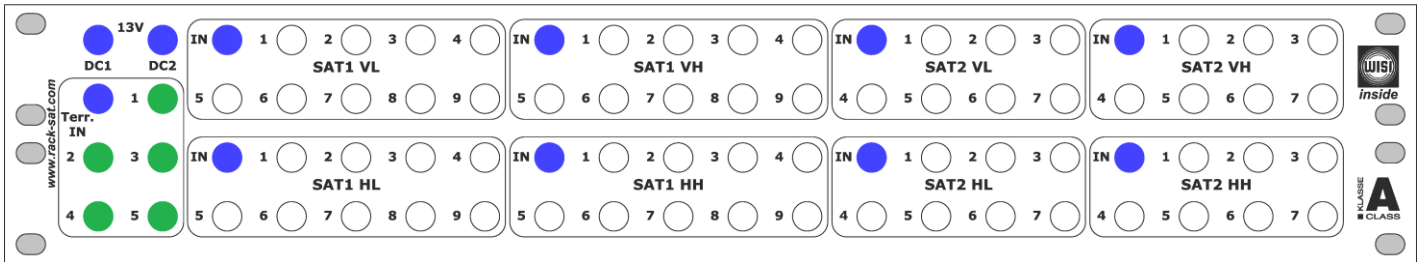
The active splitter 8 x SAT IF + TERR. is made of highest quality Class A components produced by WISI Communications GmbH Company and thus provides very reliable system performance within long term operation.

The shelf can be installed in wall hanging 19" rack cabinets of 450mm depth or floor standing racks of any depth like 600mm, 800mm etc. It provides very effective space usage and clear labelling of all inputs and outputs of the splitters.

All connectors are available on front panel including redundant +13V DC power supply (DC1 + DC2). All inputs including DC connectors are of blue color. All outputs of SAT IF signals are of white color and all outputs of TERR. signals are of green color for easy identification of all connectors.

MAIN FEATURES:

- 4 active SAT IF splitters with 9 outputs each (SAT 1)
- 4 active SAT IF splitters with 7 outputs each (SAT 2)
- 1 active TERR. splitter with 5 outputs
- M4 screw for convenient grounding connection
- 2 RU height
- Mounting holes for 19" rack
- Color: black front / steel chassis



TECHNICAL SPECIFICATIONS:

Configuration of active signal splitters	Labelling of the splitters	SAT1 VL, SAT1 HL SAT1 VH, SAT1 HH	SAT2 VL, SAT2 HL SAT2 VH, SAT2 HH	Terr.
	Number of signal outputs	4 splitters x 9 outputs	4 splitters x 7 outputs	1 splitter x 5 outputs
Levels of input signals	All splitters are configured to work with typical range of input signals, other configuration on request			
	Recommended range of input signal levels	SAT IF = 55 ... 85 dB μ V		Terr. = 60 ... 90 dB μ V
All splitters are configured to provide the same output levels as of input signals, other configuration on request				
Maximum signal level differences for SAT IF outputs	SAT IF splitters 950 ÷ 2400 MHz	$F_{in} = 950$ MHz	$F_{in} = 1.500$ MHz	$F_{in} = 2.150$ MHz
		maximum difference +3dB ... -3dB	maximum difference +6dB ... -2dB	maximum difference +2dB ... -2dB
Maximum signal level differences for Terr. output	Terr. splitter 85 ÷ 862 MHz	$F_{in} = 200$ MHz	$F_{in} = 470$ MHz	$F_{in} = 860$ MHz
		maximum difference 0dB ... -2dB	maximum difference +1dB ... -1dB	maximum difference +1dB ... -1dB
EMC:	CE, Class A, EN50083-2			
Power supply	Two independent DC +13V inputs are available for full redundancy, other configuration on request			
	Operating voltage DC:	13/14V DC		
	Current consumption:	520mA @ 13V DC		
General data	The shelf is designed for installation in 19" rack cabinets of any type, height of 2RU. Shelf's depth of 380mm enables installation in wall hanging cabinets of 450mm depth.			
	Dimensions:	482mm (W) x 380mm (L) x 88mm (H)		
	Operating temp. range	0 ... +55 °C		
Accessories:	Plug-in redundant power supply unit DG 55 (+13V DC, 2A)			