

## Wideband Multiswitches in die-cast metal housing

GMS 51209 WBP, GMS 51609 WBP

- Wideband device designed for DIRECTV™ applications
- For the distribution of the new HD channel signals in Ka/Ku bands
- All wideband switches can be used as a stand alone device or as active terminating tap in a cascadable system
- 12 or 16 subscriber outputs per device
- Especially for DIRECTV 5 LNB
- Power Supply to LNB
- To power the wideband multiswitch and the DIRECTV™ 5 LNB please use our wall power supply **SNG 18/1000** included in delivery

passive

5 ... 160 MHz      4x 250... 2200 MHz



DIGITAL  
COMPATIBLE

**HD TV**  
COMPATIBLE

Model Art. No.	GMS 51209 WBP 842452	GMS 51609 WBP 842453
Inputs SAT/Terr.	5 4 / 1	
Outputs / Subscribers	12	16
Tap loss Terr.: 5 ... 160 MHz	20 ... 22 dB	
Tap gain SAT-IF: 250 ... 2200 MHz	- 2 ... +7 dB	
Maximum output level 250 ... 2200 MHz 35 dB IMA <sub>3</sub> / EN 50083-3	- 13 dBm	
Isolation of taps	> 26 dB	
max. LNB supply current	400 mA	
Current consumption from each receiver	50 mA	
Ambient temperature	68 ... 122 °F	
Dimensions (inch)	9,29 x 6,02 x 1,46	
External power supply SNG 18 / 1000	100-240V, 50-60Hz DC 18 V / 1000 mA	



Application example	14 V	18 V	14 V + 22 kHz	18 V + 22 kHz
<b>Stack Plan</b>				
Ka-Low	99° L	99° R	103° L	103° R
Ku	101° L	101° R	119° L	110° / 119° R
Ka-High	99° L	99° R	103° L	103° R
<b>SAT-IF frequencies</b>				
Ka-Low	250 ... 750 MHz			
Ku	950 ... 1450 MHz			
Ka-High	1650 ... 2150 MHz			

