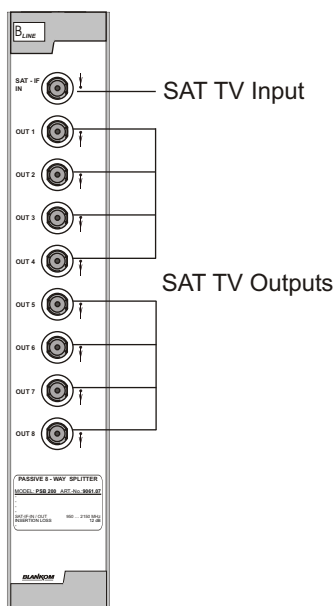


# PSB 200

## PASSIVE 8 - WAY SPLITTER SAT IF



### PRODUCT VARIANTS

PSB 200 9061.07 SAT IF Splitter [950 ... 2150 MHz]

### GENERAL

The passive SAT- IF - splitter PSB 200 is a module of the head end system B - Line, which is conceived as a complete system for middle sized distribution networks.

The module makes the low - loss, uncoupled splitting of a SAT IF - signal onto 8 outputs possible.

### FUNCTION DESCRIPTION

The module contains a passive 8 - way splitter in micro strip technology.  
The special distribution structure causes an even power partitioning onto all 8 outputs and at the same time takes care of the necessary mutual uncoupling.  
All outputs are capacitive separated and because of that DC voltage free and not direct current permeable.

**Reference:** For the LNC remote supply the active SAT - IF - splitter ASB 100 and / or the passive SAT - IF - splitter PSB 100 have to be used!

Additional information: Block diagram (Fig. 03)

### BLOCK DIAGRAM

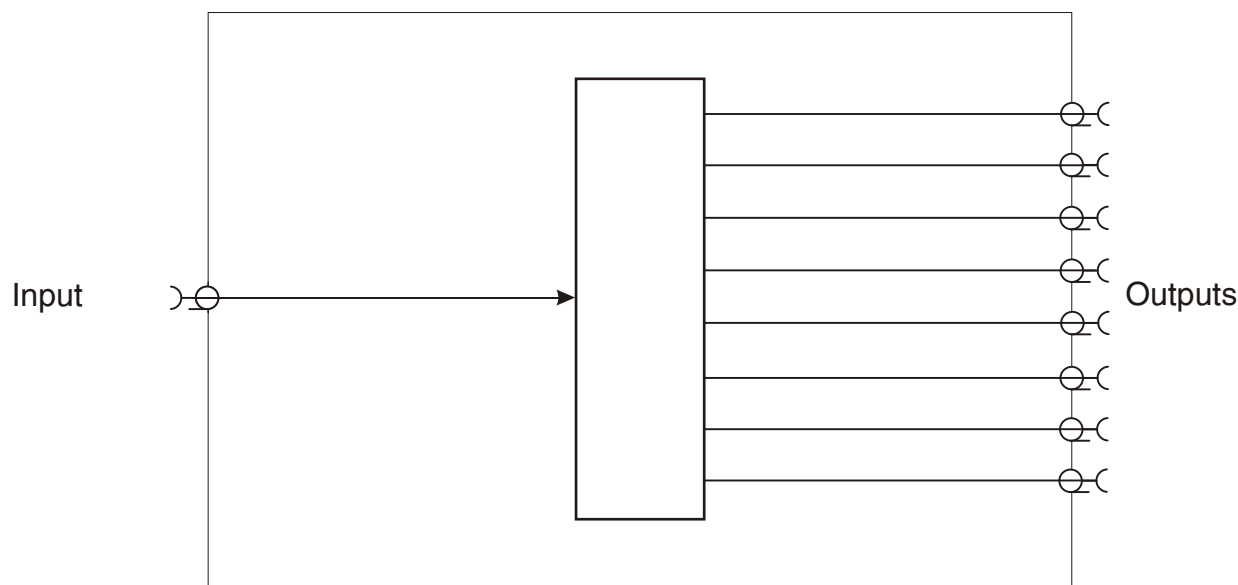


Fig. 02

## TECHNICAL DATA

### SAT IF

Frequency range	950 ... 2150 MHz
Connector	F socket
Impedance	75
Through loss	13 dB
Isolation	20 dB


### Environmental conditions







Temperature range	-10 ... +55 °C
Relative humidity	80 % (non condensing)
Mounting method	vertical
Mounting location	squirting and dripping water protected

### Physical information

Dimensions (l x w x h)	
without 19" - adapter	50 x 276 x 148 mm
with 19" - adapter	50 x 301 x 148 mm
Weight	1.100 g

## SECURITY AND OPERATING INSTRUCTIONS

 When assembling, starting-up and adjusting the modules, it is necessary to consider the system specific references in the manual instruction!

-  The modules may only be installed and started up by authorized technical personnel!
-  When assembling the modules into the receiving points, the adherence of the EMV regulations is to be secured!
-  The assembly and wiring have to be done without voltage!
-  All active modules may only be operated with the head end controller HCB 100 or bus extender BEB 100!
-  The main voltage for all power supply units is 230 V, 50 Hz.
-  With all work the defaults of the DIN EN 50083 have to be considered!  
Especially the safety relevant execution of the DIN EN 50083/1 is necessary!

