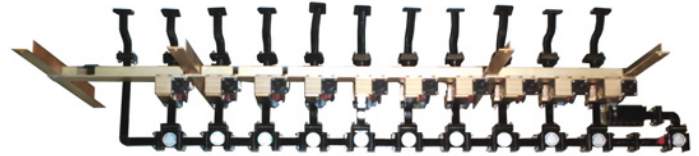


## 18 GHz / 27 GHz Semi-Adjacent Multi-Channel Combiner

### Product Features

- *Low loss, high power design*
- *Excellent output VSWR*
- *Complete integral system*



### Overview

The UBS Multi-Channel Combiner is designed for terrestrial point-to-multipoint and satellite systems providing analog and/or digital services.

The combiner network comes complete with all necessary hardware including dual-mode channel filters, channel circulators, electro-mechanical shorting switches (for redundant agile configurations), RF output monitoring port and a wideband high power output isolator for protection against high load VSWR conditions.

### Product Specifications

|  |  |
|--|--|
| <b>Frequency</b>                       | 18 GHz / 27 GHz  |
| <b>Insertion Loss**</b>                | 1.0 dB   |
| <b>Output VSWR</b>                     | 1.2:1  |
| <b>Channel Isolation</b>               | > 30 dB  |
| <b>Transmitter / Antenna Interface</b> | WR42 or WR51 for 18 GHz Combiner<br>WR28 or WR34 for 27 GHz Combiner |
| <b>Power Handling</b>                  | 20 Watts<br>(higher power versions available)                        |

\*\*Additional loss due to transit through multiple channels is approx. 0.3 dB per channel.

(specifications are subject to change without notice)