

signia combiner/splitter

Product information

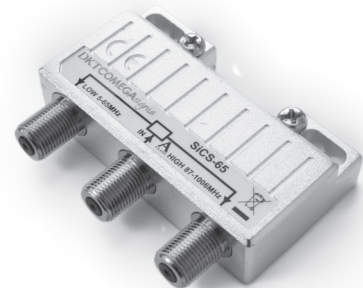
The Signia combiner/splitter is a special filter made from the same concept of Signia distribution passives of taps and splitters, meaning a reliable performance and superb specifications that optimizes network design options and efficiency.

A lightweight design allows easy handling. Mounting spacers that are easily snapped on and off provide a choice for spacing underneath the unit, thereby allowing a more flexible installation. There is easy access to F-connectors, which are mounted on the same side. A unique construction of the female F-connector ensures secure connection to the inner conductor of the male connector, and furthermore, the alloy ensures minimal corrosion. This dramatically reduces the likelihood of signal dropout and the subsequent need for network troubleshooting.

The port number, frequency range and all connectors are clearly marked with rugged labels.

Combiner/Splitter

| Type | SiCS-65 | |
|-----------------------|---------------|-----------|
| Item no. | 48930 | |
| Port | Low | High |
| Pass band (MHz) | 5 - 65 | 87 - 1006 |
| Pass band loss (dB) | 0.5 | 0.5 |
| Stop band (MHz) | 87 - 1006 | 5 - 65 |
| Stop band loss (dB) | > 35 | > 35 |
| Operating temperature | -25 to +70 °C | |



Connectors: Brass milled, nickel tin plated, F-Female (ANSI/SCTE 01 2006)
 Voltage blocking: > 2 kV
 Passive IM: > 125 dB, two carriers 50 and 55 MHz at 120 dB μ V
 Dimensions: 65 x 50 x 16 mm
 Weight: 86 g

Standardization of Signia Combiner/Splitter

The Signia combiner/splitter complies with a range of standards, below are some of the most relevant for cable TV networks.

| Description | Name | Conformity |
|-------------------------|--------------|-----------------|
| Dry Heat | EN60068-2-2 | ✓ |
| Change of temperature | EN60068-2-14 | ✓ |
| Return loss | EN60728-4 | Grade 1* |
| Screening effectiveness | EN50083-2 | Exceeds Class A |
| Isolation (TAP-TAP) | EN60728-4 | ✓ |

| Description | Name | Conformity |
|------------------------------|--------------|------------|
| Protection against intrusion | IEC 60529 | IP67 |
| Damp Heat | EN60068-2-30 | ✓ |
| Salt Mist | EN60068-2-11 | ✓ |
| Vibration | EN60068-2-6 | ✓ |

* 5-10 MHz: >18 dB