



signia splitters

Product information

The Signia splitter series follows the tradition of the Master series. With reliable performance and superb specifications, this superior and comprehensive series includes 1-way through to 8-way splitters with various attenuations. This 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 taps, 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 tap name, frequency range and all connectors are clearly marked with rugged labels.

Technical features

- ✓ Class A (page 16)
- ✓ AC Block (page 16)
- ✓ Resistant to passive intermodulation (page 16)
- ✓ Surge pulse protection (page 16)
- ✓ Protected against dust & humidity (page 17)
- ✓ Corrosion-free (page 17)

Type	Product name	Splitter loss (5-10 Mhz)	Splitter loss (862-1006 Mhz)
2-way splitter	SiS 02	3.1	3.9
3-way splitter	SiS 03	5.0	6.1
3-way splitter asymmetric	SiS 03A	3.2 / 6.3	3.8 / 7.0
4-way splitter	SiS 04	6.4	7.5
6-way splitter	SiS 06	8.6	10.5
8-way splitter	SiS 08	9.8	11.2

Standardization of Signia splitters

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

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

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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	✓

*5-10 MHz: >20 dB

Type	Insertion loss IN-OUT (dB ± 0.5)				Isolation OUT-OUT (dB)				Item no.
	Frequency range (MHz)				Frequency range (MHz)				
	5-10	10-470	470-862	862-1006	5-10	10-470	600-862	862-1006	
SiS 02	3.1	3.2	3.5	3.9	32	36	33	28	48002

Return loss: Grade 1
 Connectors: F-Female
 Dimensions: 65 x 50 x 16 mm
 Weight: 86 g

