

SPLITTER SDQ908

PRODUCT DESCRIPTION

Splitter SDQ908 is designed for splitting 9 input lines (8 SAT and 1 terrestrial TV) into 4 paths.
 The splitter meets shielding requirements of class A according standard EN 50083-2.
 The splitter is intended for indoor use only.

SAFETY INSTRUCTIONS

Installation of the splitter must be done according IEC60728-11 and national safety standards.
 Any repairs must be done by a qualified personnel.
 No naked flame sources, such as lighted candles, should be placed on splitter.

OPERATING

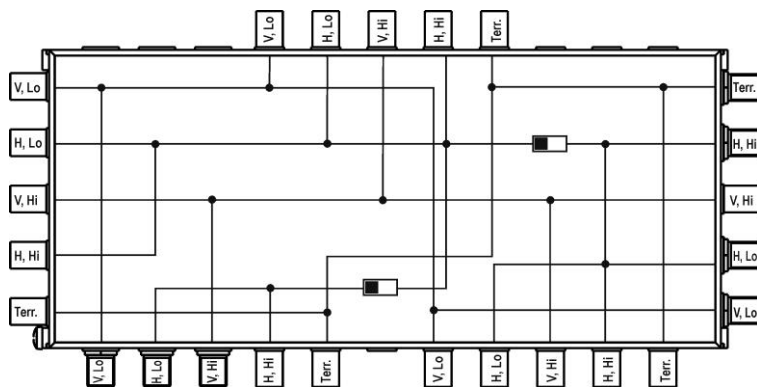
Splitter SDQ908 consists of 9 highly isolated splitters for every input line. Splitters distributes signals into 4 equal parts, maintaining line matching properties and isolation between different paths.

Connectors on splitter can accept cables with central pin diameter up to 1.2 mm.

Any terrestrial TV and vertical polarization line path are transparent for DC, but limits must be maintained.

Horizontal polarization lines can be used for network powering and unacceptable interaction between power supplies in different branches can take place. To avoid such interaction DC switches are inserted into horizontal polarization paths according to the next diagram.

For upper part (SAT A)



For lower part (SAT B)

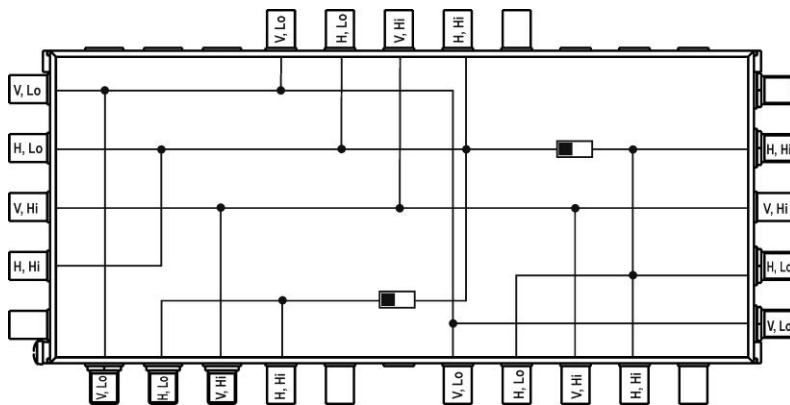





Figure 1. DC pass diagrams


TECHNICAL CHARACTERISTICS


Frequency range	SAT IF	950-2400 MHz
	Terr. TV	5-862 MHz
Through loss	SAT IF	8 dB
	Terr. TV	8 dB
SAT inputs decoupling	SAT IF	30 dB
	Terr. TV	30 dB
DC pass through	V lines	0.5 A max.
	H lines	4 A max. (1 A max. through one line)
	Terr.TV lines	0.1 A max.
Return loss		> 10 dB
Operating temperature range		-20° ± 50° C
Dimensions/Weight (packed)		267x135x52 mm/ TBD kg

 This product complies with the relevant clauses of the European Directive 2002/96/EC. The unit must be recycled or discarded according to applicable local and national regulations.

 Equipment intended for indoor usage only.

 Functional grounding. Connect to the main potential equalization.

 TERRA confirms, that this product is in accordance to following norms of EU EMC norm EN50083-2, safety norm EN60065, RoHS norm EN50581.

 TERRA confirms, that this product is in accordance to following norms of Russian Federation: EMC ГOCT P 51318.22-2006, ГOCT P 51318.24-99, ГOCT P 51317.3.2-2006, ГOCT P 51317.3.3-2008 and safety norm ГOCT IEC 60950-1-2011.