

Product summary:

Cascadable multiswitch, passive terrestrial, self-powered, DC path from receivers to trunk

Brief description:

5in/5out+12 compact cascadable multiswitch for distribution terrestrial and satellite signals from 1 satellite position (4 polarities) to 12 users. The multiswitch is DC supplied from connected satellite receivers. Trunk lines pass DC current, if applied. Power from any of receivers is passed to Hor/Low trunk line.

The product is offered in 2 versions with different loss at user outputs, please pay attention to the right part number.



Technical data:

Parameter	Condition	Value
Frequency range	Sat. trunks	950-2150 MHz
	Terr. trunk	5-862 MHz,
	User outputs	5-2150 MHz,
Control		13/18 V + 0/22 kHz
Insertion loss - user outputs	Sat. / Terr. (MS5/5+12ELP5dB-4)	5 / 24 dB avg
	Sat. / Terr. (MS5/5+12ELP10dB-4)	10 / 27 dB avg
Insertion loss - trunk outputs	Sat.	4 dB avg
	Terr.	3 dB avg
Sat. inputs isolation	At user outputs	20 dB min
	At trunk outputs	25 dB min
Maximum input level*	Sat.	90 dB μ V avg
	Terr.	110 dB μ V avg,
Maximum user output level*	Sat. / Terr. (MS5/5+12ELP5dB-4)	85 / 86 dB μ V
	Sat. / Terr. (MS5/5+12ELP10dB-4)	80 / 83 dB μ V
Current consumption	Per user output	50 mA
DC current pass		500 mA
Dimensions (w,d,h)		18.2 x 15.2 x 4.5 cm
Temperature range		-25 ~ +60 °C
Weight		0.590 kg

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