

Product summary:

Cascadable multiswitch, passive terrestrial, self-powered

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.

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+12ECP5dB-4)	5 / 24 dB avg
	Sat. / Terr. (MS5/5+12ECP10dB-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+12ECP5dB-4)	85 / 86 dB μ V
	Sat. / Terr. (MS5/5+12ECP10dB-4)	80 / 83 dB μ V
Current consumption	Per user output	50 mA
Dimensions (w,d,h)		18.2 x 15.2 x 4.5 cm
Temperature range		-25 ~ +60 °C
Weight		0.590 kg

*Terr.: EN 50083-3/60dB IMA3 [dB μ V]; SAT: EN 50083-3/35dB IMA3 [dB μ V]

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