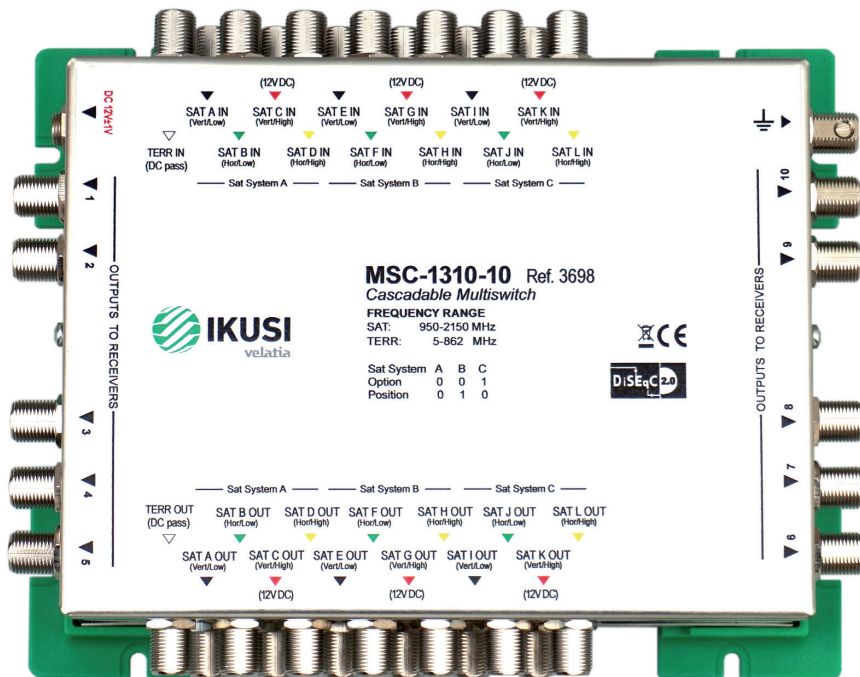




IKUSI

Cascadable multiswitch 13 inputs

Distribution of 12 SAT-IF polarizations and 1 terrestrial TV signal



External power supply unit
or from the SAT receiver



Satellite multi-inputs
+ passive terrestrial input

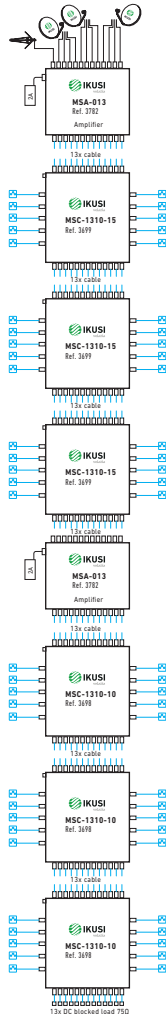


Low insertion loss
on trunk outputs

- Maximum recommended number of user outputs in a single cascade is 64.
- Stepped insertion loss on user outputs.
- Indoor mounting and wall fixing.
- European product.

MODEL		MSC-1306-10	MSC-1306-15	MSC-1310-10	MSC-1310-15	MSC-1316-12	MSC-1316-17	MSC-1320-12	MSC-1320-17
REF.		3696	3697	3698	3699	3752	3753	3754	3755
Number of inputs		13 (12 SAT inputs+1 TERR input)							
Number of outputs		13							
Number of user outputs		6	6	10	10	16	16	20	20
Frequency range SAT	MHz	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150
Frequency range TERR	MHz	5 - 862	5 - 862	5 - 862	5 - 862	5 - 862	5 - 862	5 - 862	5 - 862
Insertion loss SAT trunk	dB	2	2	2.5	2.5	3	3	3.5	3.5
Insertion loss TERR trunk	dB	3	3	4	4	7	7	8	8
Insertion loss SAT user	dB	10	15	10	15	12	17	12	17
Insertion loss TERR tap	dB	18	18	22	22	26	26	28	28
Isolation between V/H polarizations at user output	dB	22	22	22	22	20	20	20	20
Isolation between bands L/H at user output	dB	22	22	22	22	22	22	22	22
Isolation between trunk lines	dB	25	25	25	25	25	25	25	25
Maximum input level SAT	dB μ V	105	105	105	105	105	105	105	105
Maximum input level TERR	dB μ V	105	105	105	105	105	105	105	105
Maximum user output level SAT	dB μ V	95	90	95	90	93	88	93	88
Maximum user output level TERR	dB μ V	87	87	83	83	79	79	77	77
Current consumption from receiver (18V)	mA	100	100	100	100	100	100	100	100
Operating temperature	°C	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60
Dimensions (w x d x h)	cm	18.6 x 14.6 x 5.1	18.6 x 14.6 x 5.1	18.6 x 14.6 x 5.1	18.6 x 14.6 x 5.1	18.6 x 24.5 x 5.1	18.6 x 24.5 x 5.1	18.6 x 24.5 x 5.1	18.6 x 24.5 x 5.1

Application example



Amplifier

MODEL	MSA-013	
REF.	3782	
Number of inputs	13 (12 SAT+1 TERR)	
Number of outputs	13	
Frequency range SAT	MHz	950 - 2150
Frequency range TERR	MHz	40 - 862
Gain SAT	dB	25
Gain TERR	dB	22
Isolation between trunk lines	dB	25
Maximum input level SAT	dB μ V	90
Maximum input level TERR	dB μ V	85
Maximum output level SAT	dB μ V	115
Maximum output level TERR	dB μ V	107
Current consumption	mA	1100
DC supply voltage	Vdc	12
Operating temperature	°C	-25 ... +50
Dimensions (w x d x h)	cm	18.6 x 14.6 x 5.5



Power supply

MODEL	PSA-012	
REF.	3784	
Input voltage	90-265 AC 50/60 Hz	
Output voltage	12 Vdc	
Maximal output current	2 A	
Efficiency	75 %	
Operating temperature	-30 ... +50 °C	
Dimensions	16 x 6.4 x 5 mm	

