

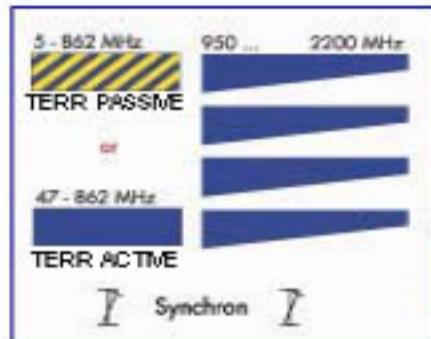
# Multi-Sat Cascade System

SPAUN/USA

## DMK55122F

### 12-Way Cascadable Multiswitch

4 SAT-IF signals with active or passive terrestrial



DIGITAL  
COMPATIBLE

#### Frequency ranges

- Terrestrial passive 5 ... 862 MHz
- Terrestrial active 47 ... 862 MHz
- SAT-IF 950 ... 2200 MHz

#### Product Dimensions and Weight

8.8" (w) x 5" (h) x 2" (d) / 5.0 lbs

#### Features

##### Terrestrial

- Terrestrial amplifier using push-pull technology
- The passive distribution is return path compatible (5 ... 862MHz)

##### SAT-IF

- SAT-IF amplifier precompensating 4 dB slope
- LNB supply voltage selectable (DiSEqC / 22kHz)
- The SAT-IF amplifier units are equipped with two filters - one at the input and one at the output

##### Additional features

- Integrated energy-saving switching power supply ( 100 ... 240 V / 50 ... 60Hz )
- Standby function is controlled by the voltage on trunkline output 1

#### Specifications

LOSS	Through Loss - Terrestrial		5 ... 6 dB
	Through Loss - SAT		5 ... 9 dB
	Tap Loss - Terrestrial		23 ... 27 dB
	Tap Loss - SAT		18 ... 20dB
REJECTION	Terr./SAT	> 5dB	
	SAT/Terr.	> 5 dB	
ISOLATION	of taps	> 33dB	
	of trunklines	> 28dB	
	REC/REC	> 30dB	



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The orange dial on the bottom of the multiswitch must be set to 22kHz for a DirecTV system or to DiSEqC for a DishNetwork DishPro system.

The DMK55122F is a passive cascadable multiswitch tap for the distribution of four SAT-IF polarities and terrestrial or CATV signal to up to twelve outlets. The DMK55122F supports various DiSEqC modes (that is Dish Network's DishPro system). It is selectable whether the switch is used to distribute one, two or four satellite systems. The switch must be used with a system launch amplifier, either the SBK5502NF or the SBK5503NF. There is a grounding clamp on the case of the DMK55122F for local grounding.