

Compact Multiswitches

DMS 5802 NF, DMS 51202 NF, DMS 51602 NF

Premium-Class

With passive and active terrestrial for 8, 12 or 16 subscribers.

Features:

- Integrated energy saving switching power supply. Mains supply: U~ 100 ... 240 V / 50 ... 60 Hz
- Standby function

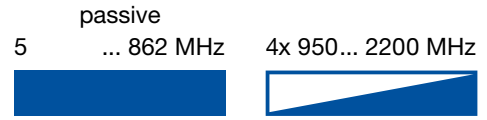
Terrestrial:

The multiswitches are return path compatible.

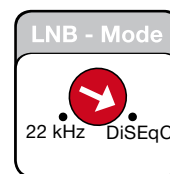
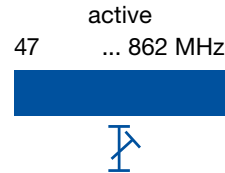
- push-pull technology
- With the integrated variable attenuator active or passive distribution can be selected. In active mode too high input levels can be decreased by 0...10 dB
- Turned to max. attenuation the amplifier is bypassed and turned off. The passive distribution is return path compatible (5 ... 862 MHz)

SAT-IF:

- A special amplifier / filter design improves the intermodulation properties of the multiswitch considerably
- The high selective input filter guarantees that interference products of the LNBS cannot drive the amplifiers into saturation
- LNB supply voltage selectable. Twin-, SMATV- and universal twin LNBS can be connected
- The multiswitches support a standby mode. The SAT-IF amplifiers and the LNB remote voltage are only active when at least one receiver sends a voltage to its multiswitch outlet
- Amplifiers has precompensating ≥ 5 dB slope



and



LNB supply voltage selectable



In active mode too high input levels can be decreased by 0 ... 10 dB

Mode Selector



Switching logic to select analogue or DiSEqC switching criterias



Model Art. No.	DMS 5802 NF 842393	DMS 51202 NF 842408	DMS 51602 NF 842407
Inputs SAT / Terrestrial	5 4 / 1		
Outputs / Subscribers	8	12	16
Tap gain Terr. passive: 5 ... 862 MHz	17 ... 20 dB	21 ... 25 dB	21 ... 23 dB
Tap gain Terr. active: 47 ... 862 MHz	4 dB	-2 ... 0 dB	-2 ... 0 dB
Tap gain SAT-IF: 950 ... 2200 MHz	-6 ... 2 dB	2,5 ... -4 dB	2 ... -4 dB
Maximum output level 47...862 MHz 60 dB IMA ₃ / EN 50083-3	90 dB μ V	88 dB μ V	86 dB μ V
Maximum output level 950 ... 2200 MHz 35 dB IMA ₃ / EN 50083-3	92 dB μ V	90 dB μ V	88 dB μ V
Isolation Rec. / Rec.: Terrestrial: / SAT:	≥ 24 dB		
Mains power supply U~	100 ... 240 V / 50 ... 60 Hz		
Power consumption Terr. active/SAT active	26 W		
Power consumption Terr. passive/SAT active	20 W		
Power consumption Terr. active/SAT standby	6,5 W		
Power consumption Terr. passive/SAT standby	2,5 W		
LNB remote current	500 mA		
LNB single port current	500 mA		
Current consumption for each receiver	70 mA		
Ambient temperature	-20 ... +50 °C		
Dimensions (mm)	300 x 130 x 52	380 x 130 x 52	380 x 130 x 52