

REGAL®

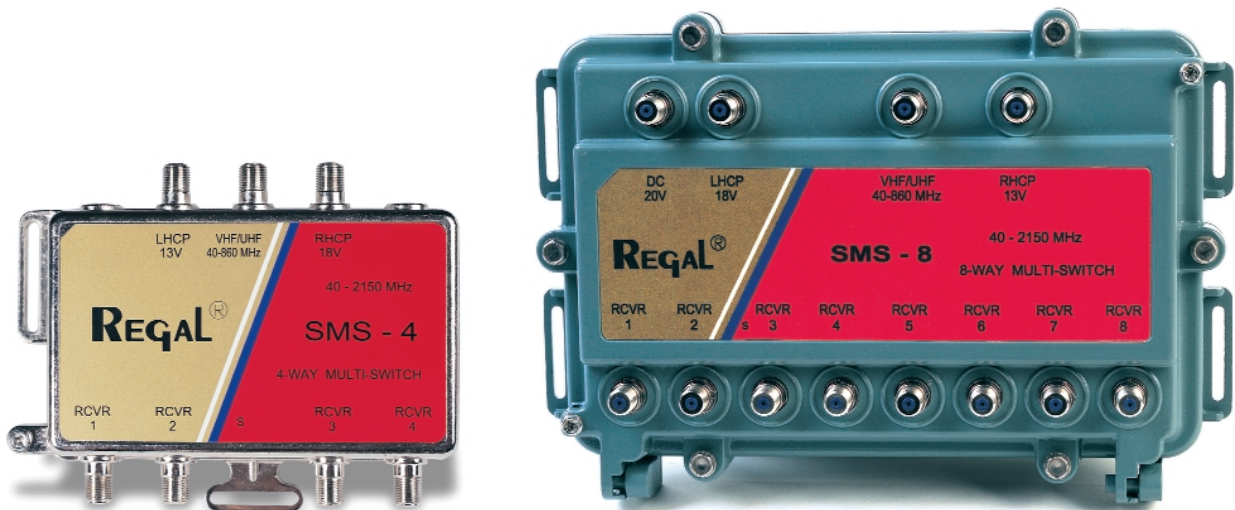
SATELLITE MULTI-SWITCHES



APPLICATION

The most recent additions to the Regal product line includes the 4- and 8-way Multi-Switch. Capable of interfacing off-air or CATV signals, both products cover the frequency range of 40-2150 MHz. The 8-way Multi-Switch incorporates nickel plated brass F-ports with neoprene gaskets allowing this product to stand up to the most stringent torque requirements and provide an excellent seal against water ingress.

Powered by a transformer with a coaxial output connector, the 8-way Multi-Switch can be installed in a variety of locations when ac powering is not readily available. Exceptional EMI shielding and a water seal gasket make the vertical configured 8-way product ideal for MDU or headend applications.



SPECIFICATIONS

3 in 8 Out Multi-Switch SMS-8

Frequency (MHz)	40-2150	
Insertion Loss		
LNB Input to Receiver Output (dB)	950-1750 MHz: -3db	1750-2150 MHz: -7db
Terrestrial TV Input to Receiver Output: Gain (dB)	40-860 MHz: -2db	
Isolation		
LNB-I/P to Non-Connected O/Ps (dB)	40-860 MHz: -55	950-2150 MHz: -25~-40
Receiver-to-Receiver (dB)	40-2150 MHz: -40~-50	
Power Passing		
Receiver Output to LNA input	500 mA	
Receiver Output to Terrestrial TV Input	None	
DC Jack to LNB	500 mA	
DC Jack to TV	None	
Power Consumption	235 mA	
Input and Output Impedance	75	

3 in 4 Out Non-Powered Multi-Switch SMS-4

Frequency (MHz)	40-2150	
Insertion Loss		
LNB Input Frequency (dB)	950-2150 MHz: +3 db	
TV Antenna Input Frequency (dB)	40-860 MHz: -10 db	
Isolation		
Horizontal/Vertical (dB)	-30	
Output-to-Output (dB)	-20	
dc Passing Capacity		
LNB 1 and 2	500 mA	
VHF/UHF	None	
Connectors	F-Type	

ORDERING INFORMATION

Satellite Multi-Switches

Description	Model #	Part #
3-in 8-out Multi-Switch	SMS-8	208856
3-in 4-out Non-Powered Multi-Switch	SMS-4	208855

Specifications are subject to change without notice.