

Multiswitches and Components

SMS and SMK Series



SMR 1600

Features & Benefits

- Rack and Flush Mount models
- 2, 3 and 4 Input Models
- Cascading Models with Snap Connector Blocks

The Blonder Tongue multiswitch line includes both cascading (SMK) and terminated models (SMS) for use in digital headends and L-Band distribution systems.

The SMR 1600 is a 2 input, 16 output rack mounted multiswitch that is powered from the headend satellite receivers connected to it. DC is presented to both inputs for LNB powering.

The SMS 4800 is a 4 input, 8 output multiswitch for multi-satellite applications utilizing 13/18 VDC and 22kHz control logic (DirecTV™). The switch supplies all LNB DC powering and is amplified to compensate for inherent splitting losses.

The SMK 3340 is a 3 input, 4 output cascading switch that requires an external 18 VDC power supply (LPI 188PS). A convenient snap-on connector block is provided, eliminating the need for coax jumper cables when units are mounted together.

SMS 3400



SMK 3340



LPI 3300



SMS 4800

DBS Distribution

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• Specifications

	Bandwidth (MHz)	Split/Tap Loss	Insertion Loss	Isolation	Other	Mechanical
SMR 1600 2 In, 16 Out Rack Mounted Self Terminating	950-2150	4 dB	-	20 dB	Switch Level 11-14.5 VDC 16-19 VDC Max. Power Passing to LNB 500 mA	19 x 1.75 x 5 in. 483 x 44 x 127 mm
SMS 3400 3 In, 4 Out Rack Mounted Self Terminating	47-806 950-2150	16 dB 5 dB	- -	25 dB 25 dB	Switch Level 11-14.5 VDC 16-19 VDC	3.3 x 2.9 x 1.7 in. 90 x 79 x 47 mm
SMS 4800 4 In, 8 Out Terminated	950-1450	1 dB (Gain)	-	35 dB	LNB Power 200 mA x 4	9.7 x 5.4 x 11 in. 245 x 136 x 28 mm
SMK 3340 3 In, 4 Out Cascading Amplified Thru Current Draw; 30 mA per Receiver	47-806 950-2150	17 dB 13 dB	3 dB 3 dB	25 dB 25 dB	Switch Level 11-14.5 VDC 16-19 VDC Includes snap together assembly	3.4 x 4.1 x 1.7 in. 94 x 112 x 47 mm
LPI 3300 3 In, 3 Out Power Inserter Uses LPI-188PS Power Supply	47-806 950-2150		0.4 dB 0.8 dB		Inserting Current max 800 mA	3.4 x 4.1 x 1.7 in. 94 x 112 x 47 mm

• Ordering Information

Model	Stock No.	Description
SMS 3400	6403	Multiswitch, 3 In - 4 Out 47-806 MHz, 16/5 dB Tap Loss
SMR-1600	6467	Multiswitch, Rack Mounted, 2 In - 16 Out 950-2150 MHz, 4 dB Tap Loss
SMS-4800	6476	Multiswitch, Rack Mounted, 4 In - 8 Out 950-1450 MHz, 22 kHz Switching 4 dB Tap Loss
SMK 3340	6414	Multiswitch, Cascading, 3 In - 4 Out 47-806 MHz & 950-2150 MHz, 17/13 dB Tap Loss
LPI 3300	6417	DC Power Inserter