

# SMS and SMK Series

## Multiswitches and Components



SMR 1600

### ○ Features & Benefits

- Full Frequency Range to 2150 MHz
- Professional Grade
- Cascading Styles with Snap Connector Blocks
- 3 Inputs (V/H/Terrestrial)/ 4 & 8 Outputs for DBS Distribution in MDU's
- 2 Input / 16 Output Rack Mount Multiswitch for Digital Headend Applications

The Blonder Tongue multiswitch line includes cascading (SMK Series), self-terminating (SMS Series) and rack mount (SMR 1600) models. All models have a bandwidth of 950-2150 MHz. The SMS 3400 and SMR 1600 are powered from the satellite receivers connected to them. The SMK 3340 and SMS 3810 require an external 18 VDC supply (LPI 188PS). Companion to the cascading multiswitches are the LA 3310 dual in line amplifier and LPI 3300 dual power inserter. Convenient snap-on connector blocks are provided with these 3 models, that eliminates the need for coax jumper cables when units are mounted together.

SMS-3400



SMS 3810



SMK 3340



LA 3310



LA 3300



Order From:



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### ○ Specifications

	Bandwidth (MHz)	Thru Gain dB	Isolation	Tap Loss	Other	Mechanical
<b>SMS 3400</b>						
3 In, 4 Out	47-806	-	25 dB	(16 dB)	Switch Level	90 x 79 x 47 (mm)
Self Terminating	950-2150	-	25 dB	(5 dB)	11-14.5 VDC	3.3 x 2.9 x 1.7 (in.)
Current Required: <105 mA per Subscriber Excluding LNB					16-19 VDC	
<b>SMS 3810</b>						
3 In, 8 Out	47-806	-	25 dB	(9 dB)	Switch Level	94 x 112 x 47 (mm)
Self Terminating	950-2150	-	25 dB	(10 dB)	11-14.5 VDC	3.4 x 4.1 x 1.7 (in.)
Uses LPI188PS Power Supply					16-19 VDC	
<b>SMK 3340</b>						
3 In, 4 Out	47-806	(3 dB)	25 dB	(17 dB)	Switch Level	94 x 112 x 47 (mm)
Cascading	950-2150	(3 dB)	25 dB	(13 dB)	11-14.5 VDC	3.4 x 4.1 x 1.7 (in.)
Amplified Thru Current Draw; 30 mA per Receiver					16-19 VDC Includes snap together assembly	
<b>SMR 1600</b>						
2 In, 16 Out	950-2150	-	20 dB	(4 dB)	Switch Level	483 x 44 x 127 (mm)
Rack Mounted Self Terminating					11-14.5 VDC 16-19 VDC Max. Power Passing to LNB 500 mA	19 x 1.75 x 5 (in.)
<b>LA 3310</b>						
3 In Line Amp	47-806	13 dB	-	-	16 Ch Output Max.	
10 dB Gain, 38 dBmV for SMK 3340 Cascade Uses LPI188PS Power Supply	950-2150	11 dB	-	-	Analog 40 dBmV @ -60 dBc Digital 38 dBmV @ -40 dBc	94 x 112 x 47 (mm) 3.4 x 4.1 x 1.7 (in.)
<b>LPI 3300</b>						
3 In, 3 Out	47-806	(0.4 dB)			Inserting	94 x 112 x 47 (mm)
Power Inserter Uses LPI188PS Power Supply	950-2150	(0.8 dB)			Current max 800 mA	3.4 x 4.1 x 1.7 (in.)

### ○ Ordering Information

Model	Stock No.	Description
SMS 3400	6403	Multiswitch, 3 In-4 Out 47-2150 MHz, 16/5 dB Tap Loss
SMS 3810	6406	Multiswitch, 3 In-8 Out 47-2150 MHz, 9/10 dB Tap Loss
SMK 3340	6414	Multiswitch, Cascading, 3 In-4 Out 47-806 MHz & 950-2150 MHz, 17/13 dB Tap Loss
SMR-1600	6467	Multiswitch, Rack Mounted, 2 In-16 Out 950-2150 MHz, 4dB Tap Loss
LA 3310	6416	Amplifier, In-Line, 3 Leg 47-806 MHz (13 dB Gain), 950-2150 MHz (11dB Gain), 38 dBmV Output
LPI 3300	6417	DC Power Inserter

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