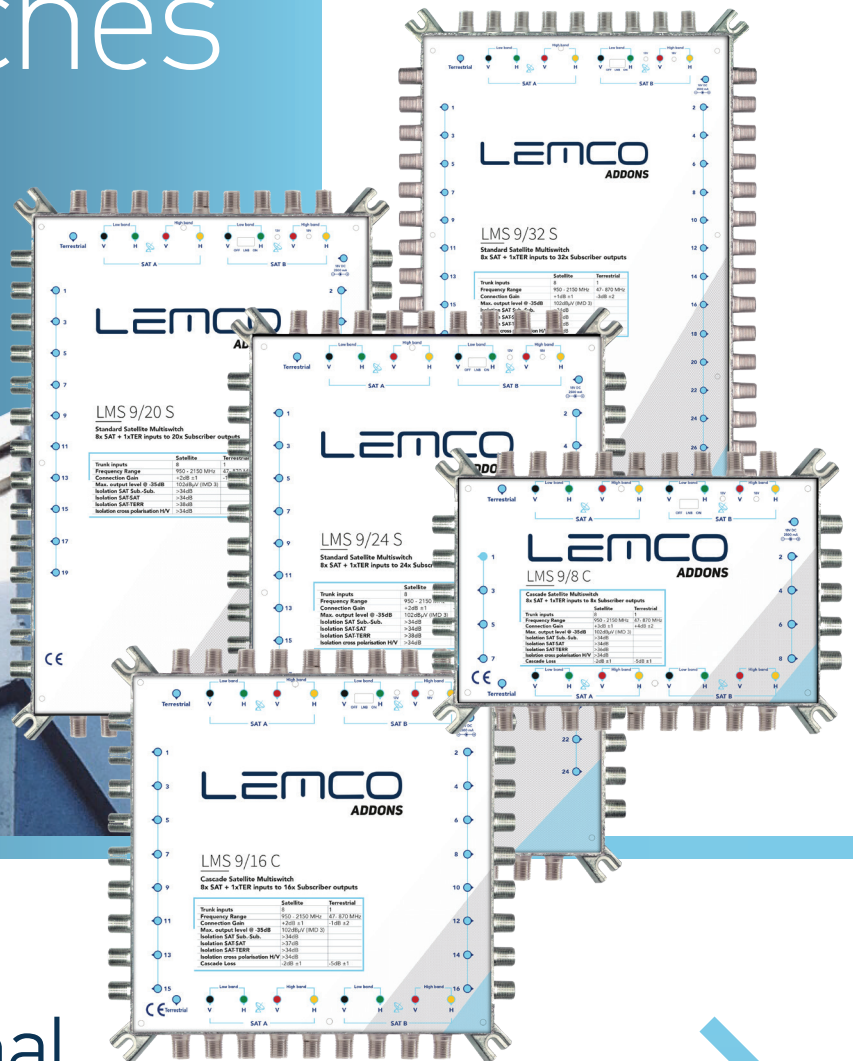


# Multiswitches

9

- INPUT SINGLE
- INPUT CASCADE

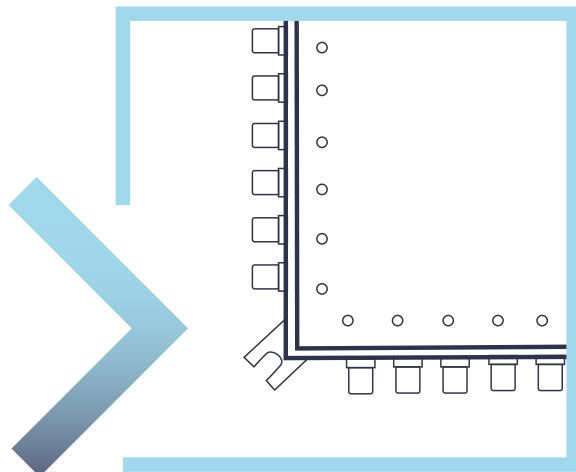


Leading the signal  
all over the world



# Multiswitches

LEMCO's new Multiswitches utilize new generation components that provide zero port failure, work at low signal levels with high isolation, and have low energy consumption by using an SMPS power supply unit. The outer case is made completely out of ZAMAK, providing high quality of construction, high endurance even in the most extreme environments and superior electromagnetic shielding.



## 9-INPUT SINGLE

### LMS 9/8 S

#### Technical Specifications



#### Input

Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

#### Output

No of Subscribers	8
Gain TER	+4dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

#### Isolation

Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>36dB
Isolation cross polarisation H/V	>34dB

#### Cascade

No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-

#### EAN-13

Code	5213009760362
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#### General

Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	135 x 198 x 35 mm
Weight	0.665 Kg

## 9-INPUT CASCADE

### LMS 9/8 C

#### Technical Specifications



#### Input

Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

#### Output

No of Subscribers	8
Gain TER	+4dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

#### Isolation

Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>36dB
Isolation cross polarisation H/V	>34dB

#### Cascade

No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±1

#### EAN-13

Code	5213009760423
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#### General

Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	135 x 198 x 35 mm
Weight	0.665 Kg

## 9-INPUT SINGLE

# LMS 9/12 S

### Technical Specifications



<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC
<b>Output</b>	
No of Subscribers	12
Gain TER	+3dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>35dB
Isolation cross polarisation H/V	>33dB
<b>Cascade</b>	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-
<b>EAN-13</b>	
Code	5213009760379
<b>General</b>	
Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	166 x 198 x 35 mm
Weight	0.771 Kg

## 9-INPUT SINGLE

# LMS 9/16 S

### Technical Specifications



<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC
<b>Output</b>	
No of Subscribers	16
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>37dB
Isolation SAT-TERR	>34dB
Isolation cross polarisation H/V	>34dB
<b>Cascade</b>	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-
<b>EAN-13</b>	
Code	5213009760386
<b>General</b>	
Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	198 x 198 x 35 mm
Weight	0.884 Kg

## 9-INPUT CASCADE

# LMS 9/12 C

### Technical Specifications



<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC
<b>Output</b>	
No of Subscribers	12
Gain TER	+3dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>35dB
Isolation cross polarisation H/V	>33dB
<b>Cascade</b>	
No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±1
<b>EAN-13</b>	
Code	5213009760430
<b>General</b>	
Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	166 x 198 x 35 mm
Weight	0.771 Kg

## 9-INPUT CASCADE

# LMS 9/16 C

### Technical Specifications



<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC
<b>Output</b>	
No of Subscribers	16
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>37dB
Isolation SAT-TERR	>34dB
Isolation cross polarisation H/V	>34dB
<b>Cascade</b>	
No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±1
<b>EAN-13</b>	
Code	5213009760447
<b>General</b>	
Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	198 x 198 x 35 mm
Weight	0.884 Kg

## 9-INPUT SINGLE

# LMS 9/20 S

### Technical Specifications

Input	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

Output	
No of Subscribers	20
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>38dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-

EAN-13	
Code	5213009760393

General	
Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 198 x 35 mm
Weight	1.150 Kg



## 9-INPUT CASCADE

# LMS 9/20 C

### Technical Specifications

Input	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

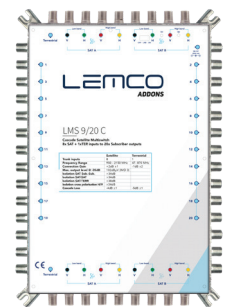
Output	
No of Subscribers	20
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>38dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-4dB ±1

EAN-13	
Code	5213009760454

General	
Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 198 x 35 mm
Weight	1.150 Kg



## 9-INPUT SINGLE

# LMS 9/24 S

### Technical Specifications

Input	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

Output	
No of Subscribers	24
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>38dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-

EAN-13	
Code	5213009760409

General	
Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 198 x 35 mm
Weight	1.150 Kg



## 9-INPUT CASCADE

# LMS 9/24 C

### Technical Specifications

Input	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

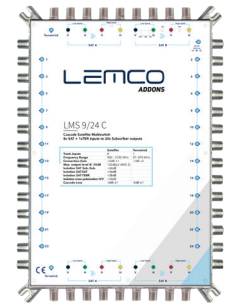
Output	
No of Subscribers	24
Gain TER	-1dB ±2
Gain SAT	+2dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>38dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-4dB ±1

EAN-13	
Code	5213009760461

General	
Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 198 x 35 mm
Weight	1.150 Kg



## 9-INPUT SINGLE

# LMS 9/32 S

### Technical Specifications

<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

<b>Output</b>	
No of Subscribers	32
Gain TER	-3dB ±2
Gain SAT	+1dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>37dB
Isolation cross polarisation H/V	>33dB

<b>Cascade</b>	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-

<b>EAN-13</b>	
Code	5213009760416

<b>General</b>	
Power supply	+18VDC
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	326 x 198 x 35 mm
Weight	1.305 Kg



## 9-INPUT CASCADE

# LMS 9/32 C

### Technical Specifications

<b>Input</b>	
Trunk inputs (SAT+TER)	8+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

<b>Output</b>	
No of Subscribers	32
Gain TER	-3dB ±2
Gain SAT	+1dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

<b>Isolation</b>	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>37dB
Isolation cross polarisation H/V	>33dB

<b>Cascade</b>	
No of outputs (SAT+TER)	8+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-5dB ±2

<b>EAN-13</b>	
Code	5213009760478

<b>General</b>	
Power supply	+18VDC (Not included)
Power supply consumption	700mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	326 x 198 x 35 mm
Weight	1.305 Kg



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