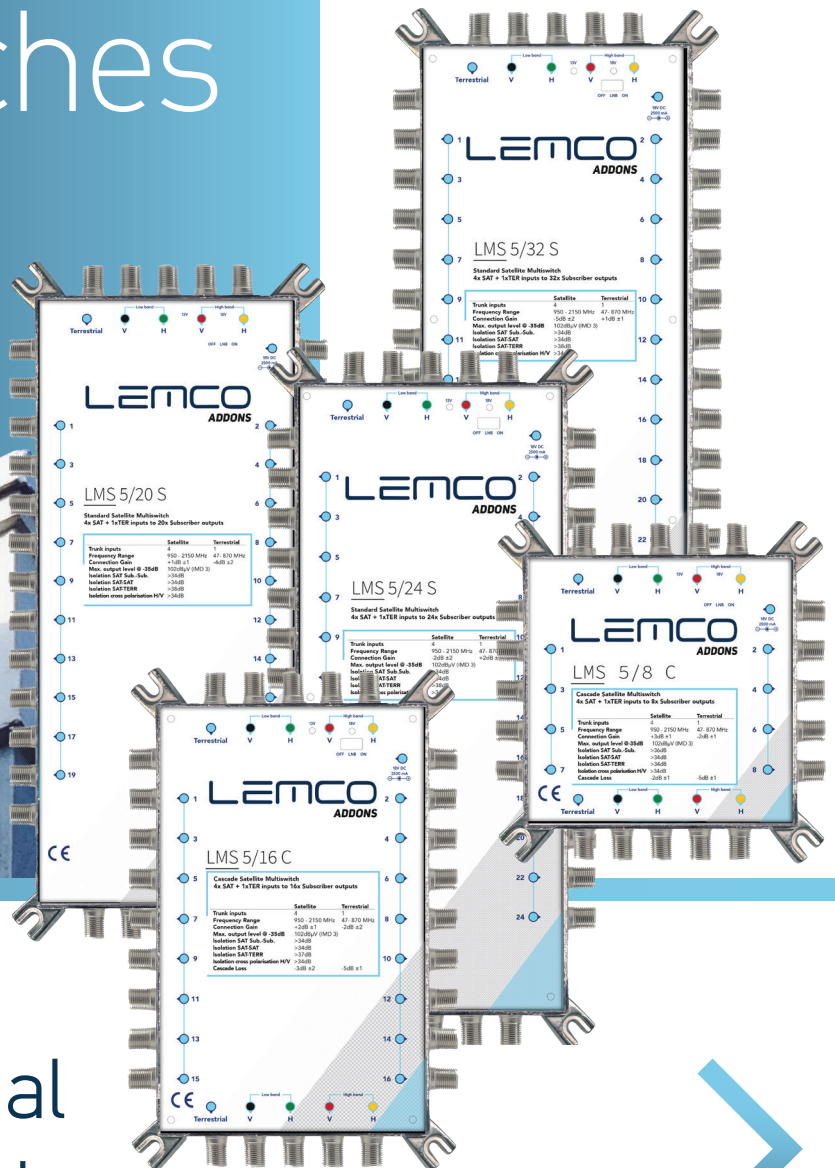


Multiswitches

5

- INPUT SINGLE
- INPUT CASCADE

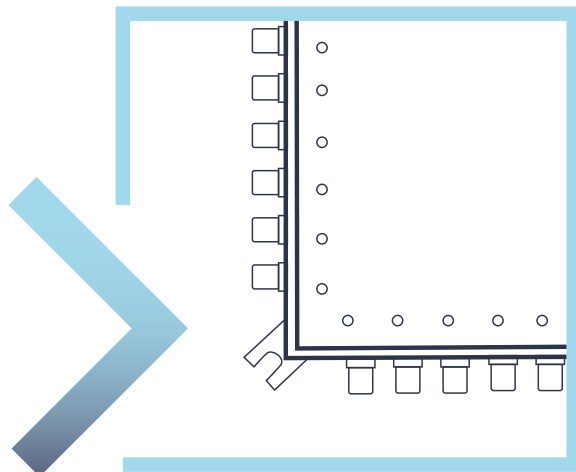


Leading the signal
all over the world



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.



5-INPUT SINGLE

LMS 5/8 S

Technical Specifications



Input

Trunk inputs (SAT+TER)	4+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TE	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	-2dB ±1
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation

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

Cascade

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

EAN-13

Code	5213009760249
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General

Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	135 x 135 x 35 mm
Weight	0.469 Kg

5-INPUT CASCADE

LMS 5/8 C

Technical Specifications



Input

Trunk inputs (SAT+TER)	4+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	-2dB ±1
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

Isolation

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

Cascade

No of outputs (SAT+TER)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±1

EAN-13

Code	5213009760300
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General

Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	135 x 135 x 35 mm
Weight	0.469 Kg

5-INPUT SINGLE

LMS 5/12 S

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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	12
Gain TER	-1dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
Isolation	
Isolation SAT Subscriber-Subscriber	>35dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>34dB
Isolation cross polarisation H/V	>33dB
Cascade	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-
EAN-13	
Code	5213009760256
General	
Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	166 x 135 x 35 mm
Weight	0.564 Kg



5-INPUT CASCADE

LMS 5/12 C

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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	12
Gain TER	-1dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
Isolation	
Isolation SAT Subscriber-Subscriber	>35dB
Isolation SAT-SAT	>33dB
Isolation SAT-TERR	>34dB
Isolation cross polarisation H/V	>33dB
Cascade	
No of outputs (SAT+TER)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±1
EAN-13	
Code	5213009760317
General	
Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	166 x 135 x 35 mm
Weight	0.564 Kg



5-INPUT SINGLE

LMS 5/16 S

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+1
Frequency Range SAT	50 - 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	16
Gain TER	+2dB ±1
Gain SAT	+1dB ±2
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω
Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TERR	>37dB
Isolation cross polarisation H/V	>34dB
Cascade	
No of outputs (SAT+TER)	-
Cascade Loss TER	-
Cascade Loss SAT	-
EAN-13	
Code	5213009760263
General	
Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	198 x 135 x 35 mm
Weight	0.658 Kg



5-INPUT CASCADE

LMS 5/16 C

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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	16
Gain TER	-2dB ±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	>37dB
Isolation cross polarisation H/V	>34dB
Cascade	
No of outputs (SAT+TER)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-3dB ±2
EAN-13	
Code	5213009760324
General	
Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	198 x 135 x 35 mm
Weight	0.658 Kg



5-INPUT SINGLE

LMS 5/20 S

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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	-4dB ±2
Gain SAT	+1dB ±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	5213009760270

General	
Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 135 x 35 mm
Weight	0.859 Kg



5-INPUT CASCADE

LMS 5/20 C

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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

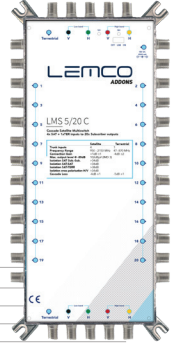
Output	
No of Subscribers	20
Gain TER	-4dB ±2
Gain SAT	+1dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

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)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-4dB ±1

EAN-13	
Code	5213009760331

General	
Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 135 x 35 mm
Weight	0.859 Kg



5-INPUT SINGLE

LMS 5/24 S

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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	+2dB ±1
Gain SAT	-2dB ±2
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	5213009760287

General	
Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 135 x 35 mm
Weight	0.859 Kg



5-INPUT CASCADE

LMS 5/24 C

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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

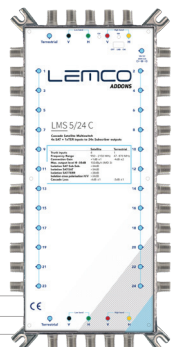
Output	
No of Subscribers	24
Gain TER	-4dB ±2
Gain SAT	+1dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

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)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-4dB ±1

EAN-13	
Code	5213009760348

General	
Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	278 x 135 x 35 mm
Weight	0.859 Kg



5-INPUT SINGLE

LMS 5/32 S

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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

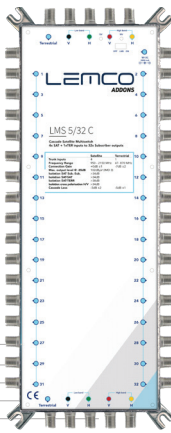
Output	
No of Subscribers	32
Gain TER	+1dB ±1
Gain SAT	-5dB ±2
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

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	5213009760294

General	
Power supply	+18VDC
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	326 x 135 x 35 mm
Weight	0.985 Kg



5-INPUT CASCADE

LMS 5/32 C

Technical Specifications

Input	
Trunk inputs (SAT+TER)	4+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

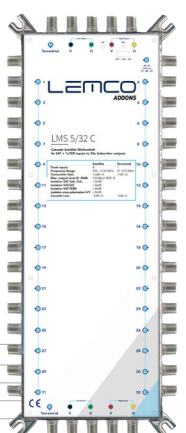
Output	
No of Subscribers	32
Gain TER	-7dB ±2
Gain SAT	+0dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

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)	4+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-5dB ±2

EAN-13	
Code	5213009760355

General	
Power supply	+18VDC (Not included)
Power supply consumption	350mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	326 x 135 x 35 mm
Weight	0.985 Kg



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