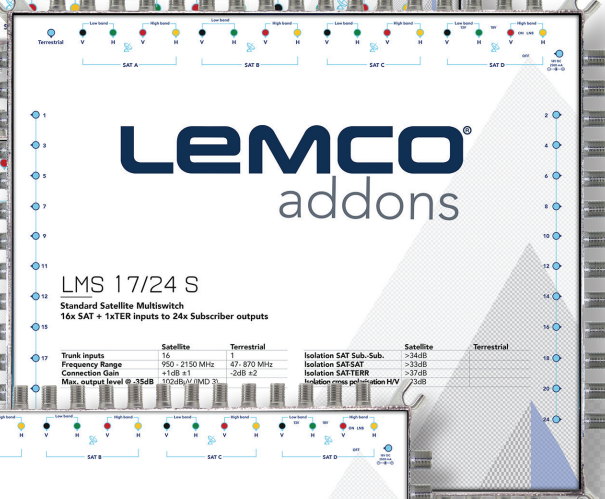
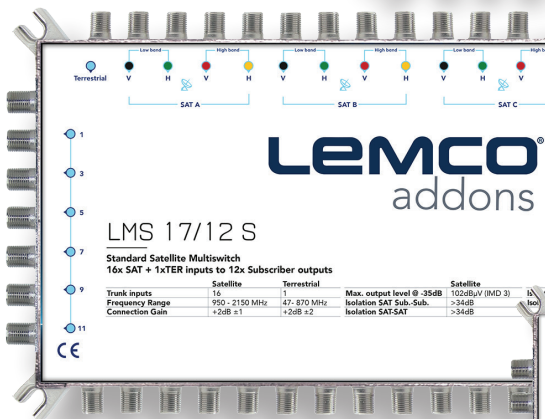
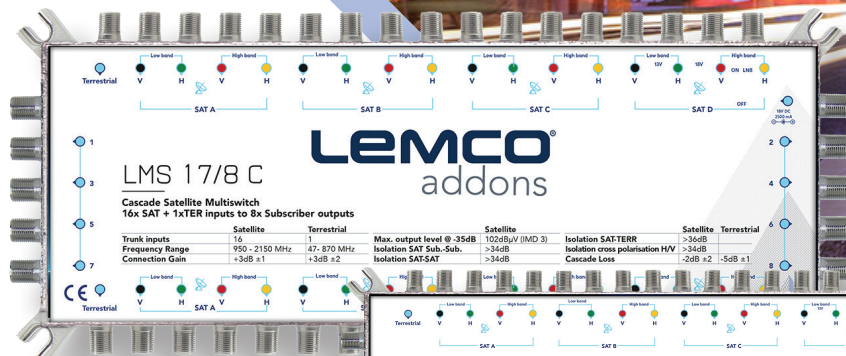


LEMCO[®] addons

Multiswitches

17

-  INPUT SINGLE
-  INPUT CASCADE



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Multiswitches

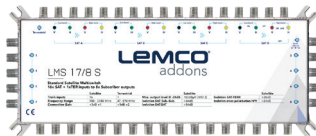


LEMCO's new Multiswitches utilize new generation components that provide zero port failure, work at low signal levels with high isolation, and have low energy consumption by using an SMPS power supply unit. The outer case is made completely out of ZAMAK, providing high quality of construction, high endurance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

17-INPUT SINGLE

LMS 17/8 S

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+3dB ±2
Gain SAT	+3dB ±1
Max. output level @ -35dB (IMD3)	102dBμV
Connector	F- female
Impedance	75Ω

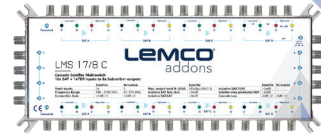
Isolation	
Isolation SAT Subscriber-Subscriber	>34dB
Isolation SAT-SAT	>34dB
Isolation SAT-TER	>36dB
Isolation cross polarisation H/V	>34dB

General	
Power supply	+18VDC
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	135 x 326 x 35 mm
Weight	0.984 Kg

17-INPUT CASCADE

LMS 17/8 C

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+3dB ±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-TER	>36dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±2

General	
Power supply	+18VDC (Not included)
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	135 x 326 x 35 mm
Weight	0.984 Kg

17-INPUT SINGLE

LMS 17/12 S

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+3dB ±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-TER	>36dB
Isolation cross polarisation H/V	>34dB

General	
Power supply	+18VDC
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	166 x 326 x 35 mm
Weight	1.152 Kg

17-INPUT CASCADE

LMS 17/12 C

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+3dB ±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-TER	>36dB
Isolation cross polarisation H/V	>34dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-2dB ±2

General	
Power supply	+18VDC (Not included)
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	166 x 326 x 35 mm
Weight	1.152 Kg

17-INPUT SINGLE

LMS 17/16 S

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

General	
Power supply	+18VDC
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	198 x 326 x 35 mm
Weight	1.307 Kg

17-INPUT CASCADE

LMS 17/16 C

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	+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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-3dB ±1

General	
Power supply	+18VDC (Not included)
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	198 x 326 x 35 mm
Weight	1.307 Kg

17-INPUT SINGLE

LMS 17/20 S

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	-2dB ±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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

General	
Power supply	+18VDC
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	278 x 326 x 35 mm
Weight	1.696 Kg

17-INPUT CASCADE

LMS 17/20 C

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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	-2dB ±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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-3dB ±1

General	
Power supply	+18VDC (Not included)
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	278 x 326 x 35 mm
Weight	1.696 Kg

17-INPUT SINGLE

LMS 17/24 S

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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 ±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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

General	
Power supply	+18VDC
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	278 x 326 x 35 mm
Weight	1.696 Kg

17-INPUT CASCADE

LMS 17/24 C

Technical Specifications



Input	
Trunc inputs (SAT+TER)	16+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 ±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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-3dB ±1

General	
Power supply	+18VDC (Not included)
Power supply consumption	850mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	278 x 326 x 35 mm
Weight	1.696 Kg

17-INPUT SINGLE

LMS 17/32 S

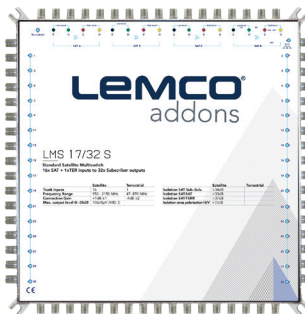
Technical Specifications

Input	
Trunc inputs (SAT+TER)	16+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	-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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

General	
Power supply	+18VDC
Power supply consumption	1000mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	326 x 326 x 35 mm
Weight	1.910 Kg



17-INPUT CASCADE

LMS 17/32 C

Technical Specifications

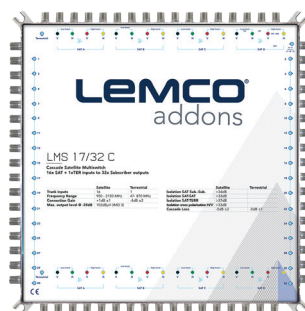
Input	
Trunc inputs (SAT+TER)	16+1
Frequency Range SAT	950 - 2150 MHz
Frequency Range TER	47 - 870 MHz
Connector	F- female
Impedance	75Ω
Switch commands	13/18 V, 0/22 kHz, DiSEqC 2.0, Toneburst VDC

Output	
No of Subscribers	32
Gain TER	-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	>33dB
Isolation SAT-TER	>37dB
Isolation cross polarisation H/V	>33dB

Cascade	
No of outputs (SAT+TER)	16+1
Cascade Loss TER	-5dB ±1
Cascade Loss SAT	-5dB ±2

General	
Power supply	+18VDC (Not included)
Power supply consumption	1000mA max.
Operating temperature	0°C to 40°C
Storage temperature	-10°C to +70°C
Humidity	Up to 90%
Dimensions	326 x 326 x 35 mm
Weight	1.910 Kg



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