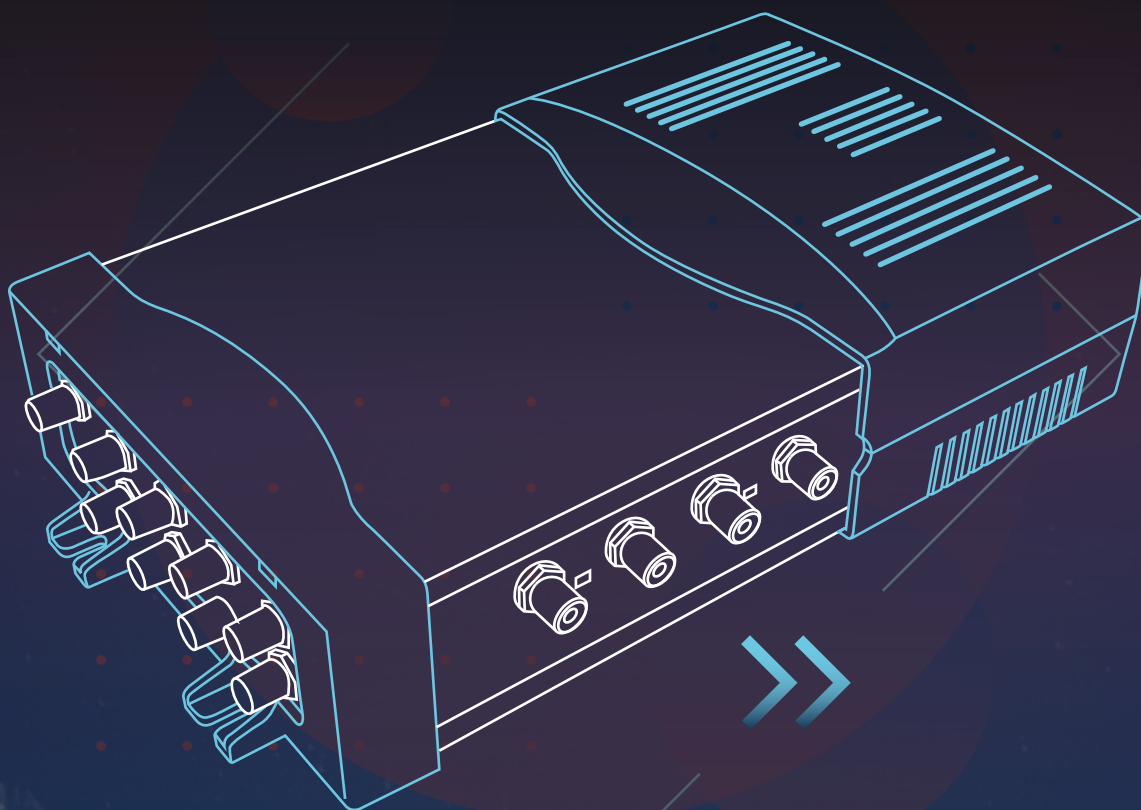


MULTI
switches

Bluetron series



Supreme quality | Ultra-High Reliability |
High Isolation | Low insertion loss | Rugged Shielding |
Energy-Efficient Design | Fast & Easy Installation |

LEMCO®

www.lemco.gr

BLUETRON

A next-generation multiswitch series designed for superior signal distribution in modern TV installations.



Combining advanced performance, compact design, and energy efficiency, it delivers reliable satellite and terrestrial signal transmission across multiple outputs. Ideal for both residential and commercial applications, it ensures quick installation, stable operation, and long-term durability.

Highlights



Multi-standard

Experience ultimate versatility with our Multi-standard headend solution, designed to accommodate a wide range of broadcasting requirements and industry standards. This innovative system seamlessly integrates various signal formats, including DVB-S/S2/S2X, DVB-T/T2, DVB-C, HDMI, and IP, making it the perfect choice for cable TV companies, IPTV providers, hotels, hospitals, and other similar installations.



Powerful TS multiplexer

One of the most state-of-the-art TS multiplexer is responsible of providing the "pool" technology feature as well as to offer a variety of different features such as custom NIT/SDT creation, EPG over RF and IP, LCN and more...



IPTV reception

IPTV reception mechanism in Pro Line allows for seamless reception and conversion of TV/Radio programs over IP with incredible efficiency. With support for up to 128 x SPTS / 16 x MPTS, our solution empowers businesses to effortlessly convert these programs to RF technology DVB-T/C, providing a comprehensive and versatile approach to signal processing and delivery.



IPTV streaming

The powerful IPTV streamer enables the delivery of TV and radio programming over both IP and RF channels simultaneously, with support for up to 128 x SPTS / 16 x MPTS streams.



Fleex Embedded support

Enhanced guest experience with Fleex Embedded IPTV middleware enabling control of TVs from major brands such as LG, Samsung, and Philips, and offering basic middleware functionality directly from the headend without the need for external servers



Dual power supplies

Pro Line's dual hot-pluggable external power supplies provide businesses with convenient and redundant power, ensuring uninterrupted operation and added peace of mind.



5-year warranty

Our solutions are backed by a comprehensive 5-year warranty, providing customers with the confidence that their investment is protected against defects and malfunctions. The warranty underscores our commitment to delivering reliable, high-quality products and services that meet the diverse needs of businesses across various industries.

Bluetron



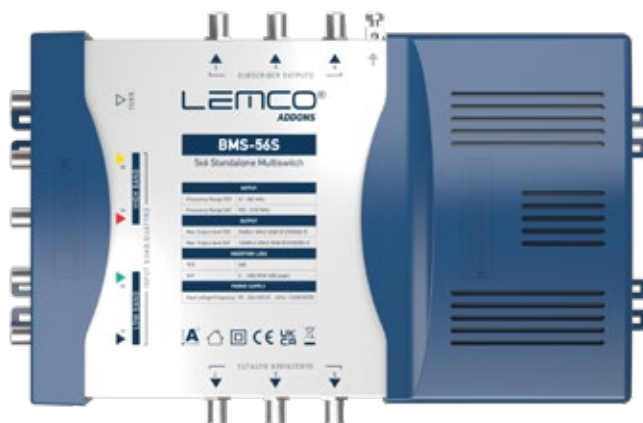
5series Stand Alone

Designed for small-to-medium satellite & terrestrial distribution networks, the Bluetron 5-wire stand-alone multiswitches deliver exceptional RF stability, low insertion loss, and superior signal integrity across all outlets. Ideal for residential buildings and boutique hospitality installations, this series ensures effortless setup, clean power efficiency, and long-term operational reliability — the perfect balance of performance and simplicity.



BLUETRON

BMS-56S



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	6
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762458
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	0,876 Kg



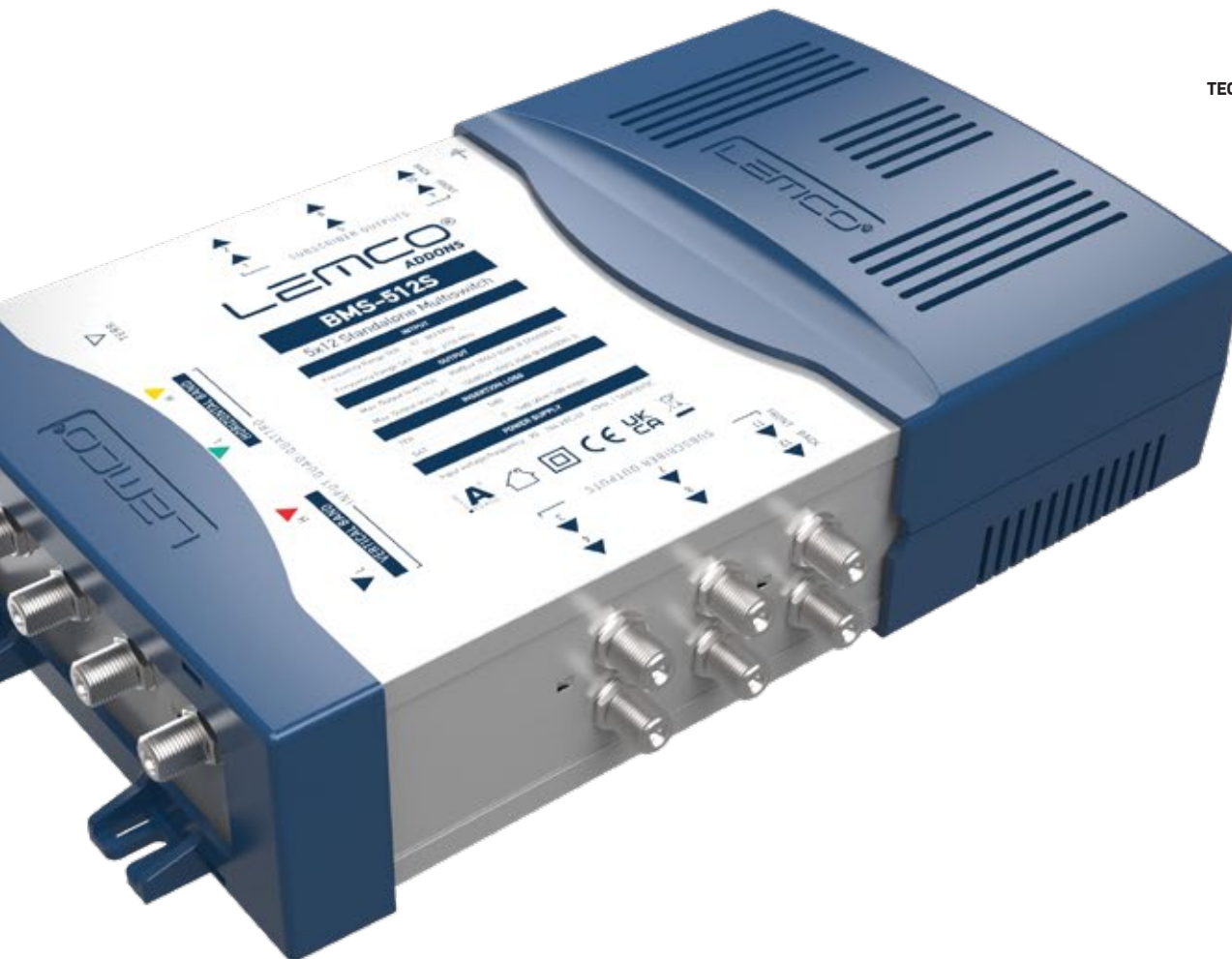
BLUETRON

BMS-58S



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	8
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762465
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	0,900 Kg



BLUETRON

BMS-512S



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	12
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762472
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	4W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	0,962 Kg



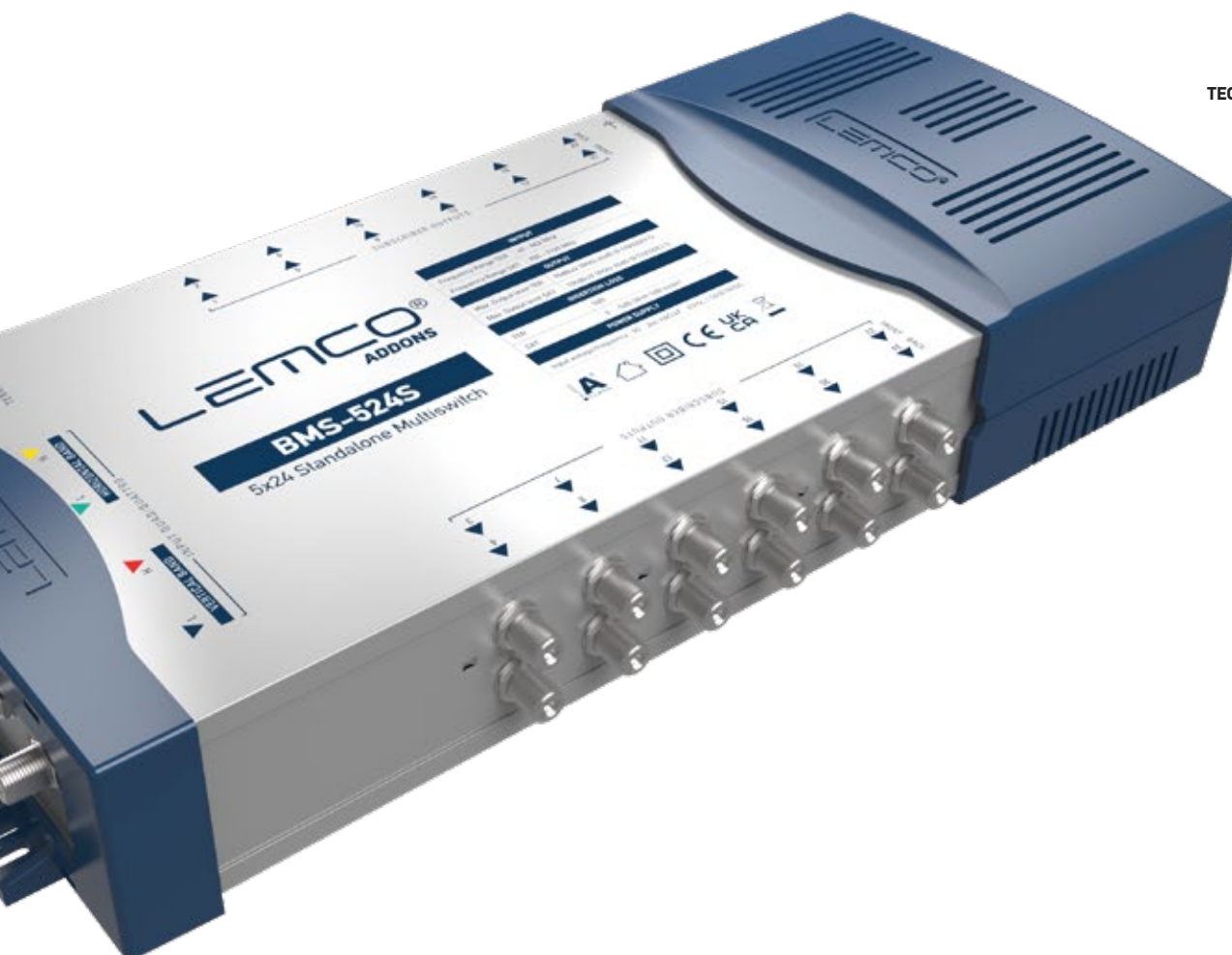
BLUETRON

BMS-516S



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quatrto
Output	
No of Subscribers	16
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762489
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	4W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	1,010 Kg

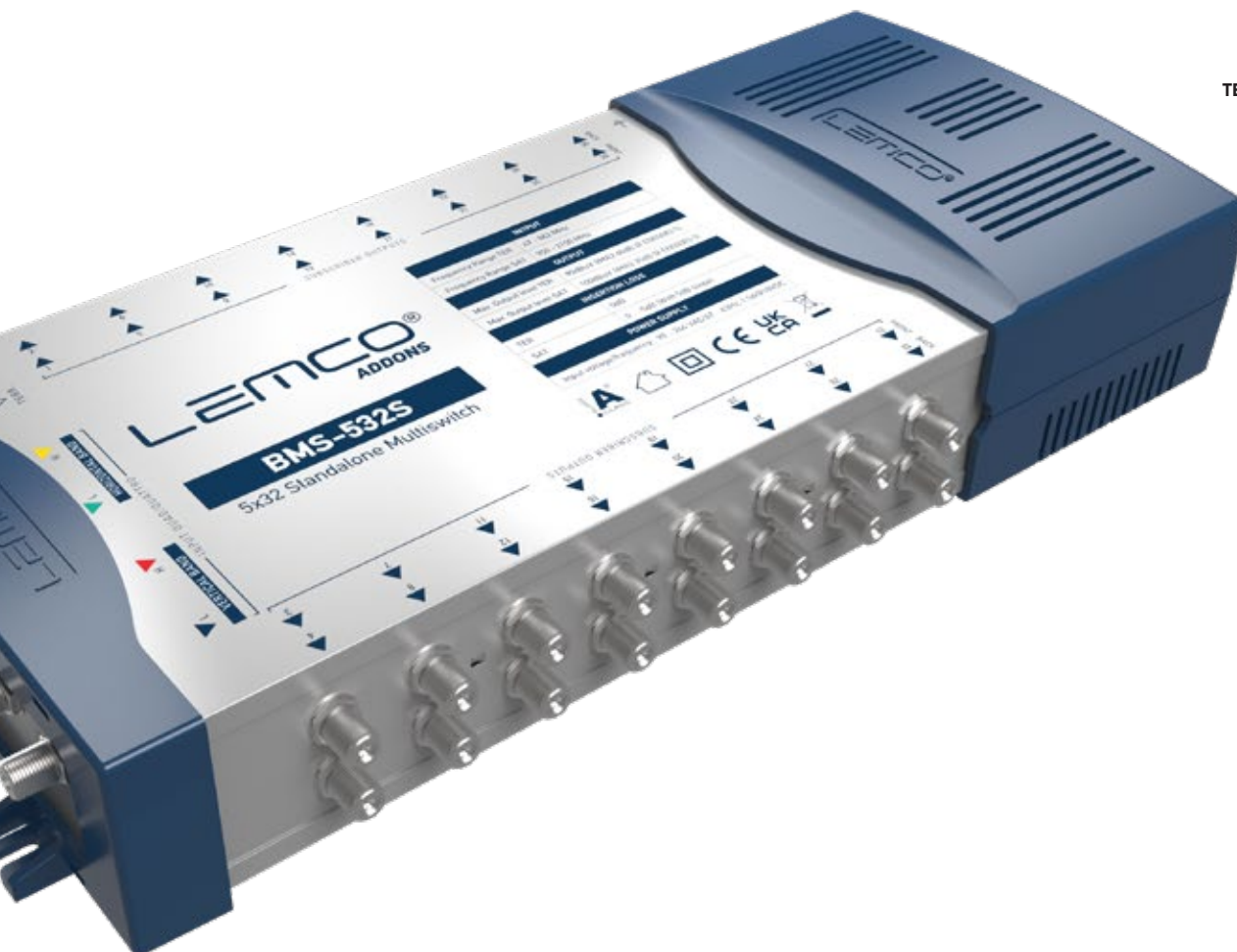


BLUETRON

BMS-524S

Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	24
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0....5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762496
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	4W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	380 x 175 x 65 mm
Weight	1,360 Kg



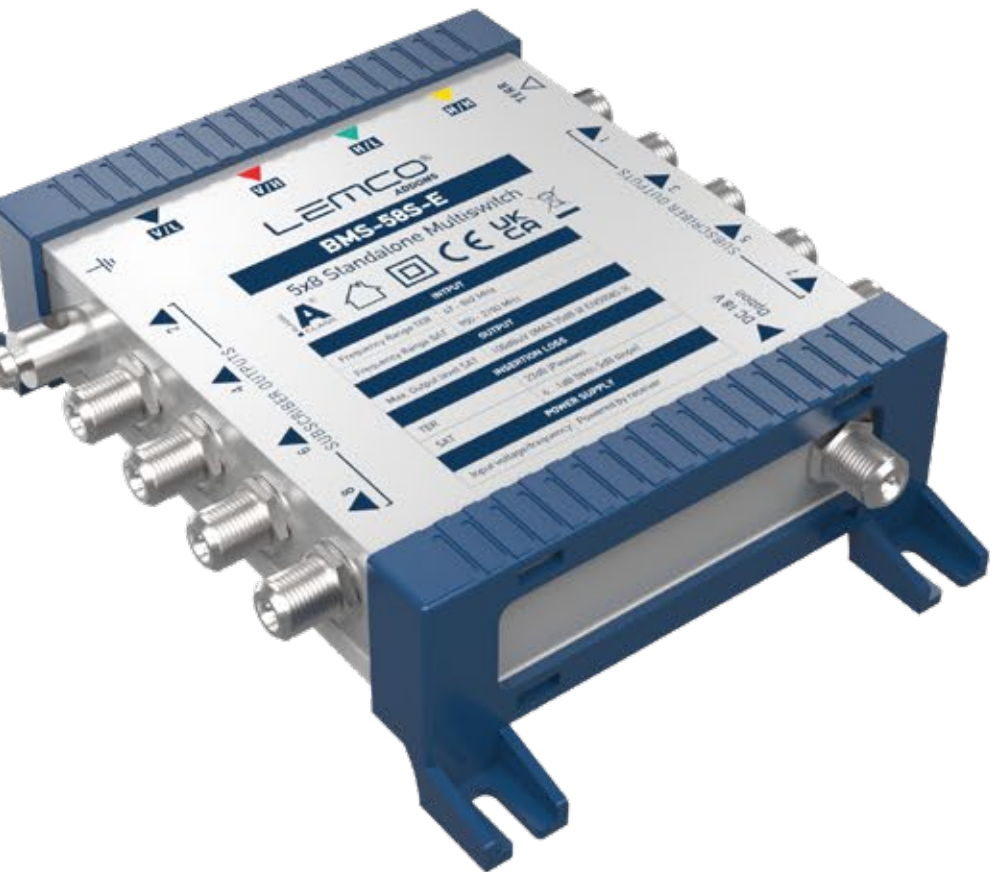
BLUETRON

BMS-532S



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	32
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762502
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	4W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	380 x 175 x 65 mm
Weight	1,400 Kg



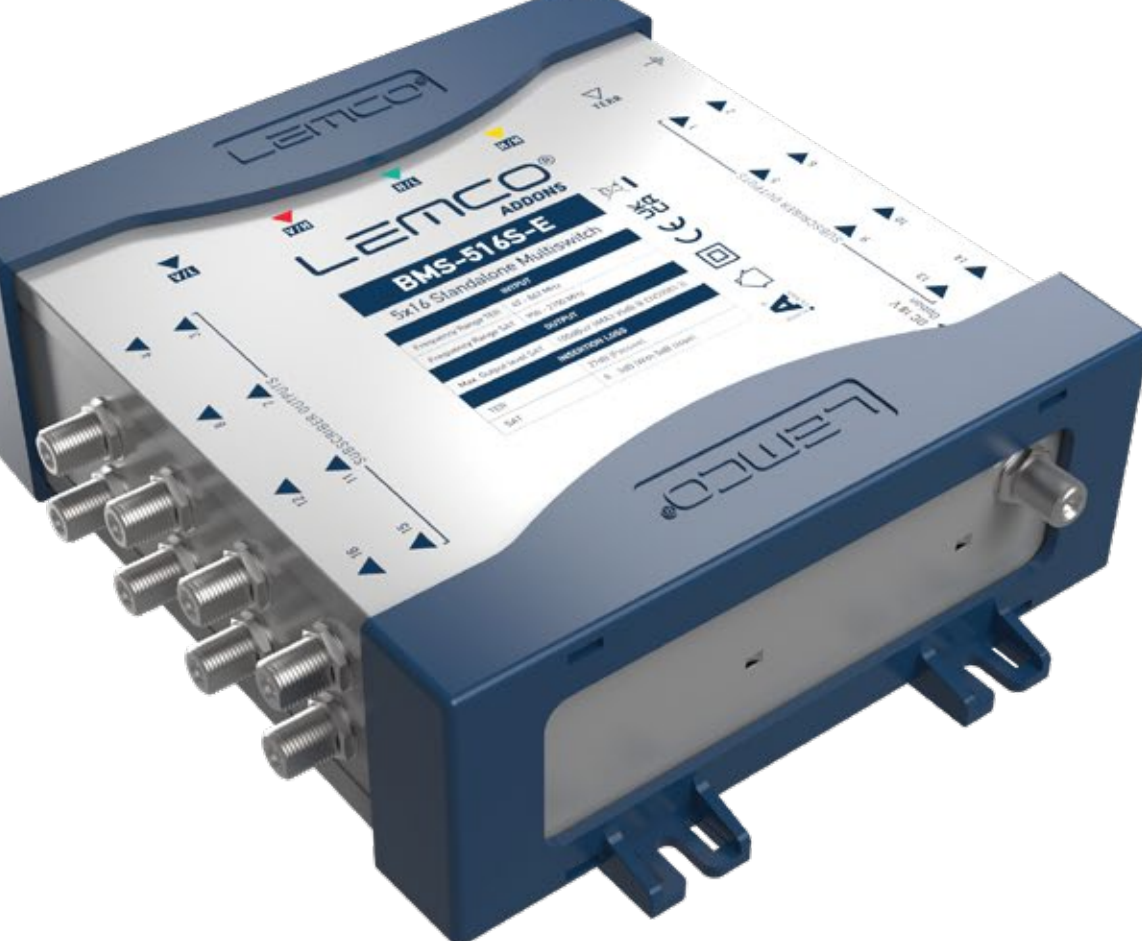
BLUETRON

BMS-58S-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
No of Subscribers	8
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	23dB (Passive)
SAT	6...1dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762519
Power supply	
Input voltage/frequency	Powered by receiver
Power consumption	35mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	150 x 120 x 42 mm
Weight	0,300 Kg



BLUETRON

BMS-516S-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
No of Subscribers	16
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	27dB (Passive)
SAT	8... 1dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762526
Power supply	
Input voltage/frequency	Powered by receiver
Power consumption	35mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,700 Kg

Bluetron



5series Cascade

The 5-wire cascade series offers scalable signal distribution for multi-floor and multi-building deployments. Built to excel in complex installation environments, these units provide outstanding signal stability, low noise design, and seamless expansion, making them the go-to choice for installers seeking professional-grade reliability in MATV & SMATV networks.



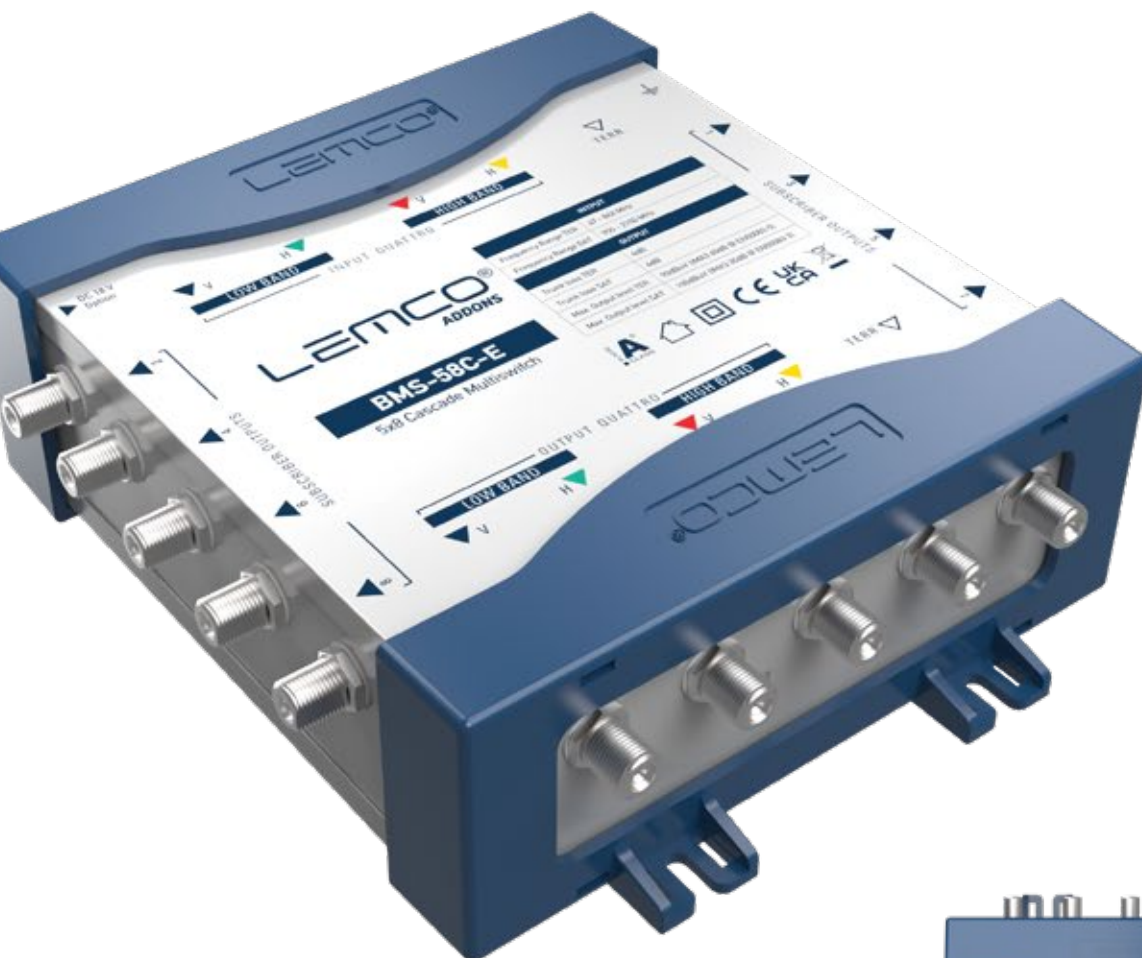
BLUETRON

BMS-56C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	6
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	0...-5dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762533
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,623 Kg



BLUETRON

BMS-58C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	8
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	0...-5dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762540
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,647 Kg



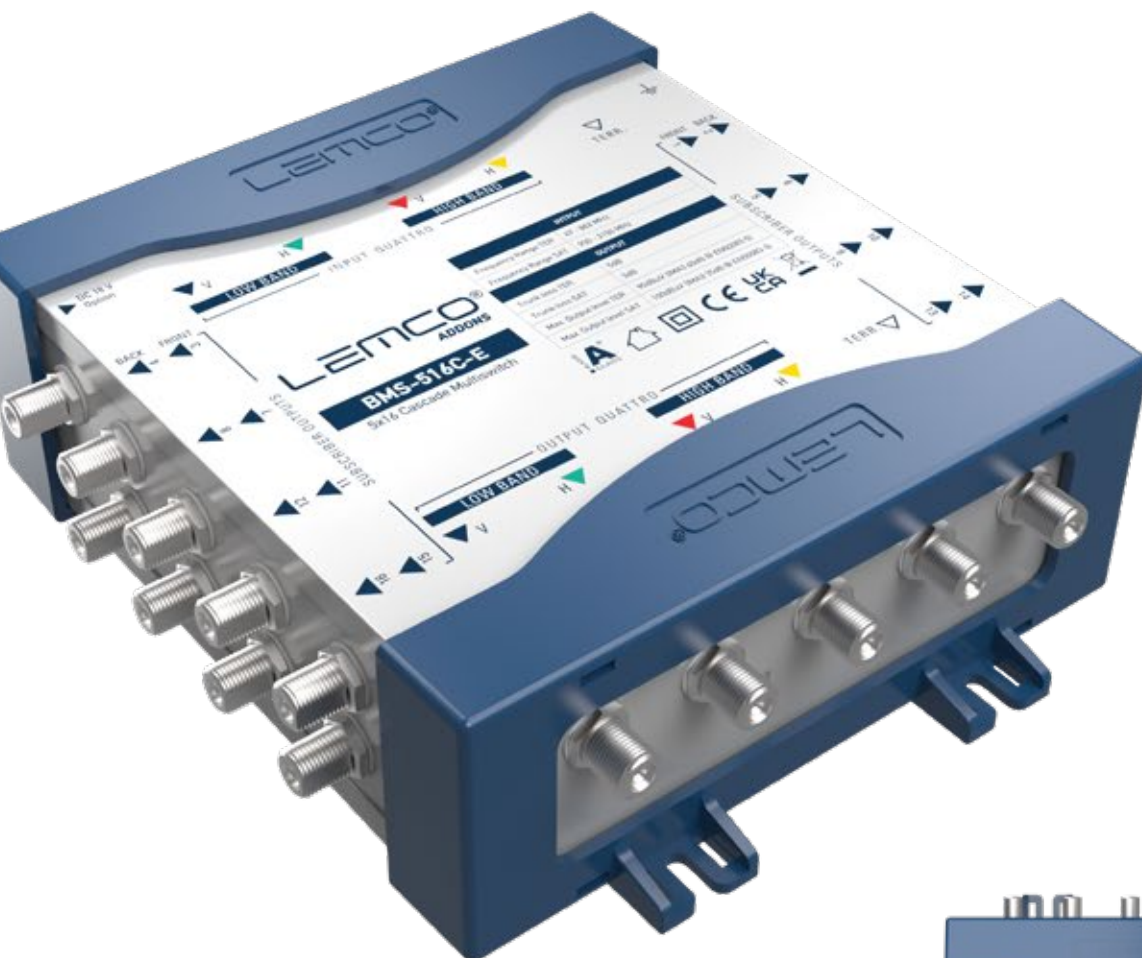
BLUETRON

BMS-512C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	12
Trunk loss TER	5dB
Trunk loss SAT	3dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762557
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,695 Kg



BLUETRON

BMS-516C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	16
Trunk loss TER	5dB
Trunk loss SAT	3dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762564
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,749 Kg



BLUETRON

BMS-524C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	24
Trunk loss TER	5dB
Trunk loss SAT	7dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	4...-1dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762571
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	295 x 175 x 60 mm
Weight	1,017 Kg



BLUETRON

BMS-532C-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
No of TAPs	32
Trunk loss TER	5dB
Trunk loss SAT	7dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	4...-1dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762588
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	200mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	295 x 175 x 60 mm
Weight	1,113 Kg

Bluetron



Engineered for installations requiring dual-satellite distribution, the Bluetron 9-wire stand-alone series delivers powerful performance and premium signal management. With advanced LTE/5G filtering, exceptional isolation, and precision-tuned amplification, this range is built for premium residences and professional projects demanding uncompromised distribution quality.



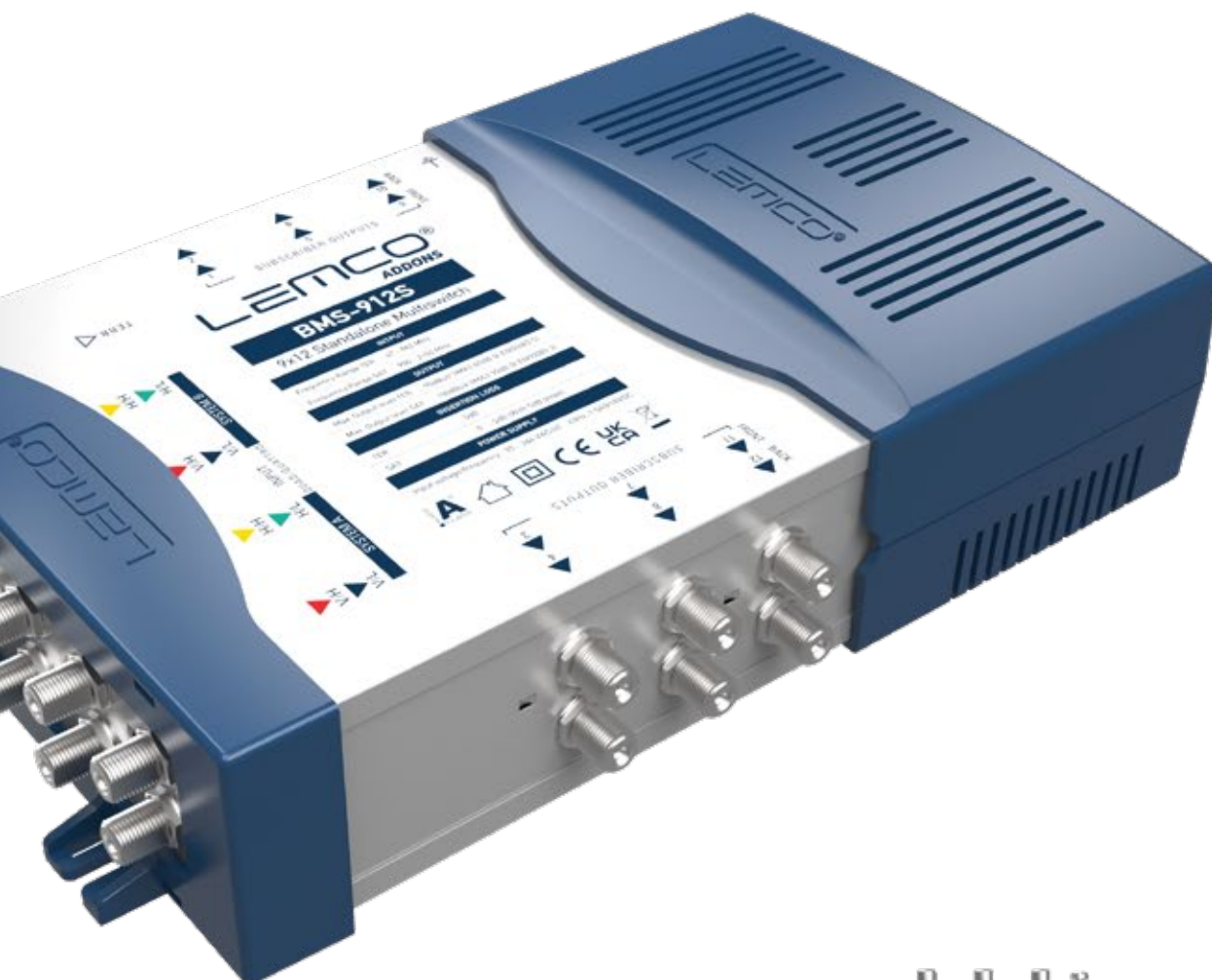
BLUETRON

BMS-98S



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	8
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762595
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3.5W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	0,965 Kg



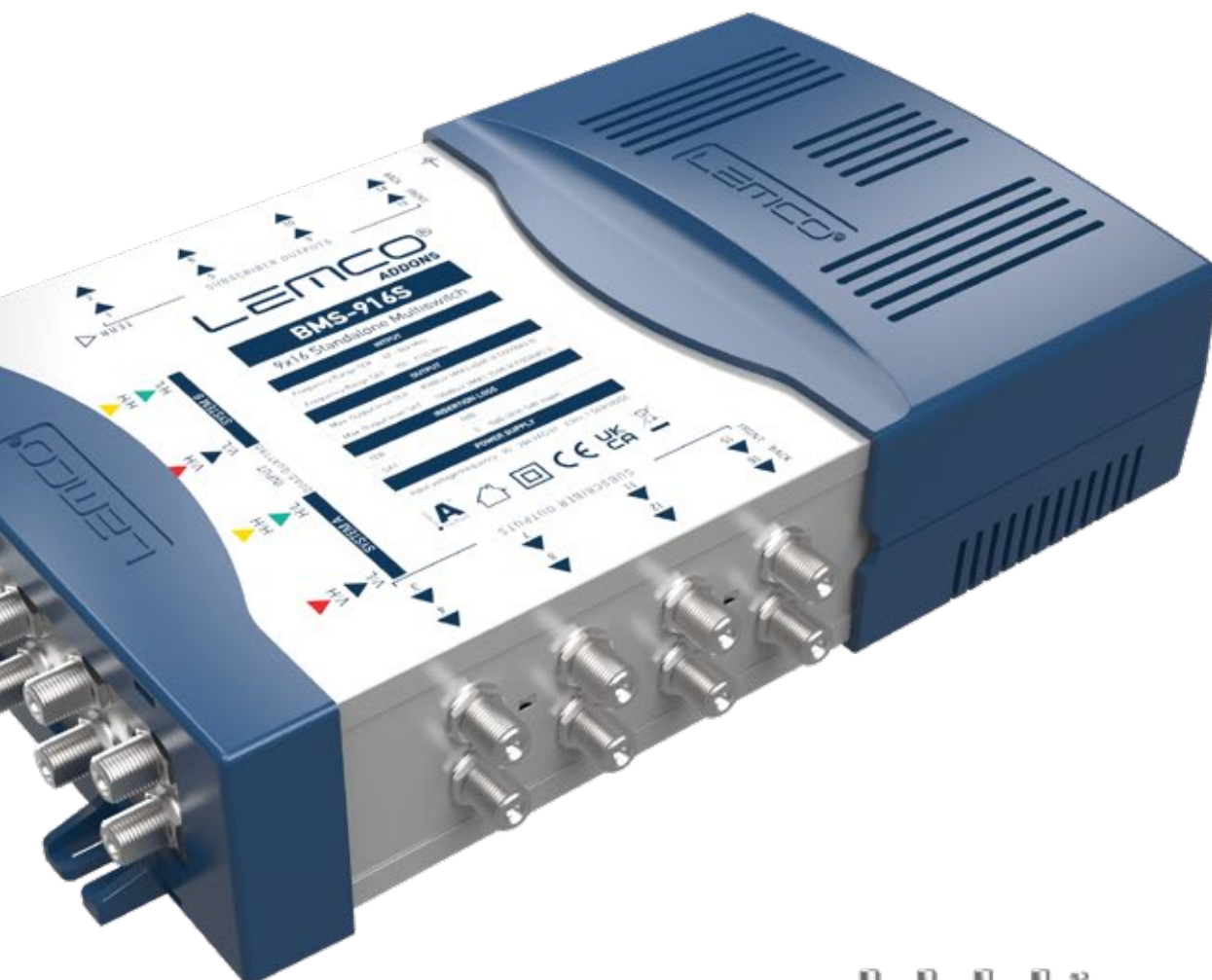
BLUETRON

BMS-912S



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	12
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762601
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3.5W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	0,987 Kg



BLUETRON

BMS-916S



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	16
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762618
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3.5W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	280 x 175 x 65 mm
Weight	1,035 Kg



BLUETRON

BMS-924S



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quatrto
Output	
No of Subscribers	24
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762625
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3.5W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	380 x 175 x 65 mm
Weight	1,284 Kg



BLUETRON

BMS-932S



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quad/Quattro
Output	
No of Subscribers	32
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Insertion Loss	
TER	0dB
SAT	0...-5dB (With 5dB slope)
Isolation	
TER to SAT	30dB
SAT to TER	30dB
Cross polarization H/V	30dB
Out-to-Out TER	26dB
Out-to-Out SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762632
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz, 1.5A@18VDC
Internal PSU consumption	3.5W max.
Max. current to LNB consumption	1A
Max. current from receiver consumption	50mA
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	380 x 175 x 65 mm
Weight	1,380 Kg

[illegible]

Designed for dual-satellite cascade topologies, the 9-wire cascade range brings unmatched flexibility and broadcast-level signal quality. Precision RF engineering and high-shielding architecture ensure flawless performance in large-scale residential, hospitality, and commercial environments — ready for today's and tomorrow's satellite distribution needs.



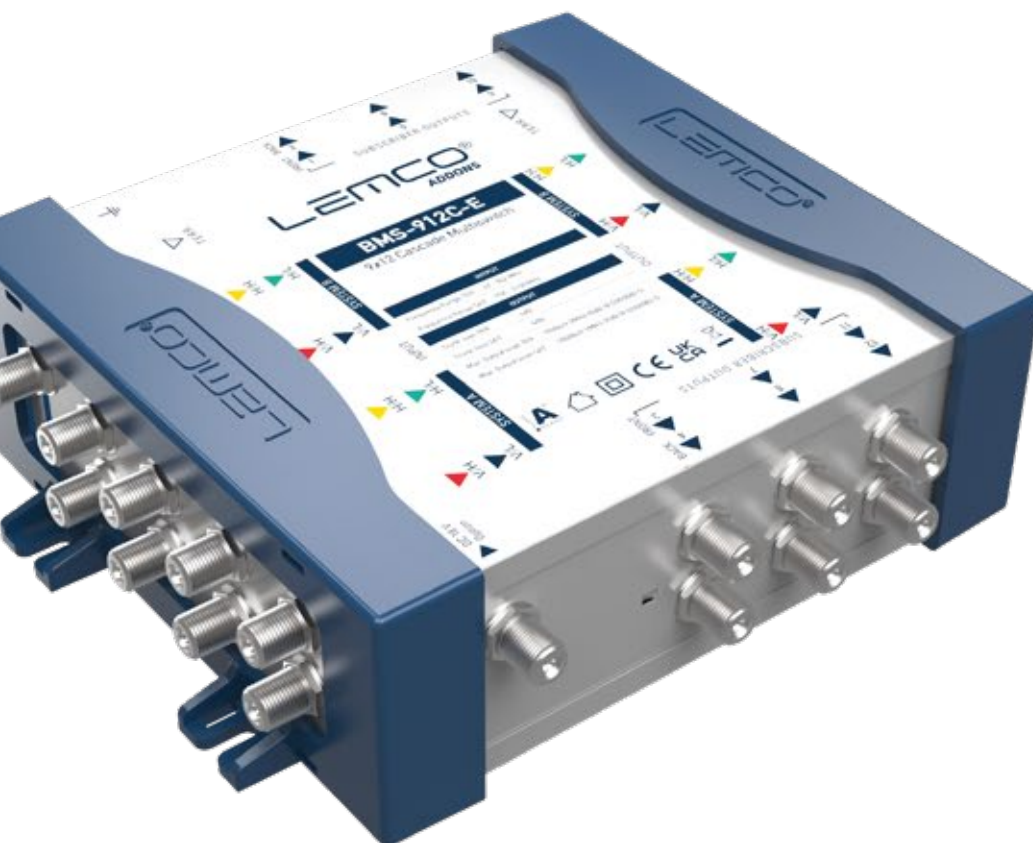
BLUETRON

BMS-98C-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	8+1
No of TAPs	8
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	0...-5dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762663
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	75mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,728 Kg



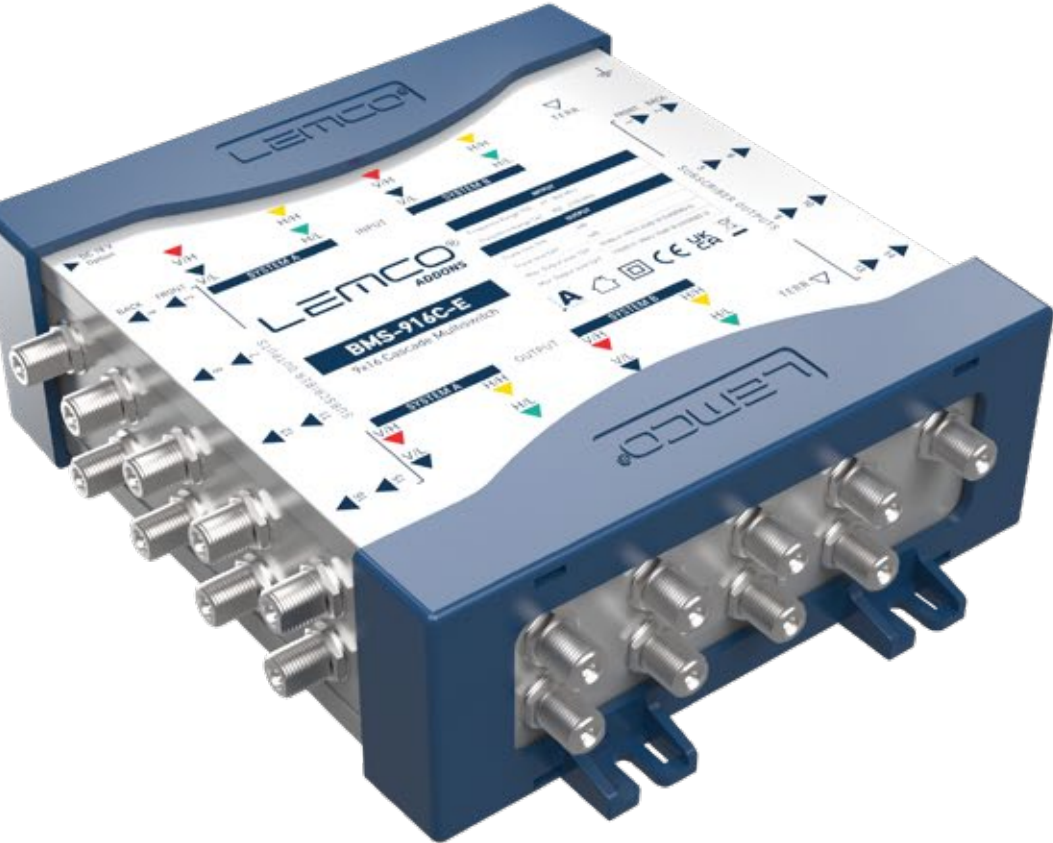
BLUETRON

BMS-912C-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	8+1
No of TAPs	12
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762670
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	180mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,732 Kg



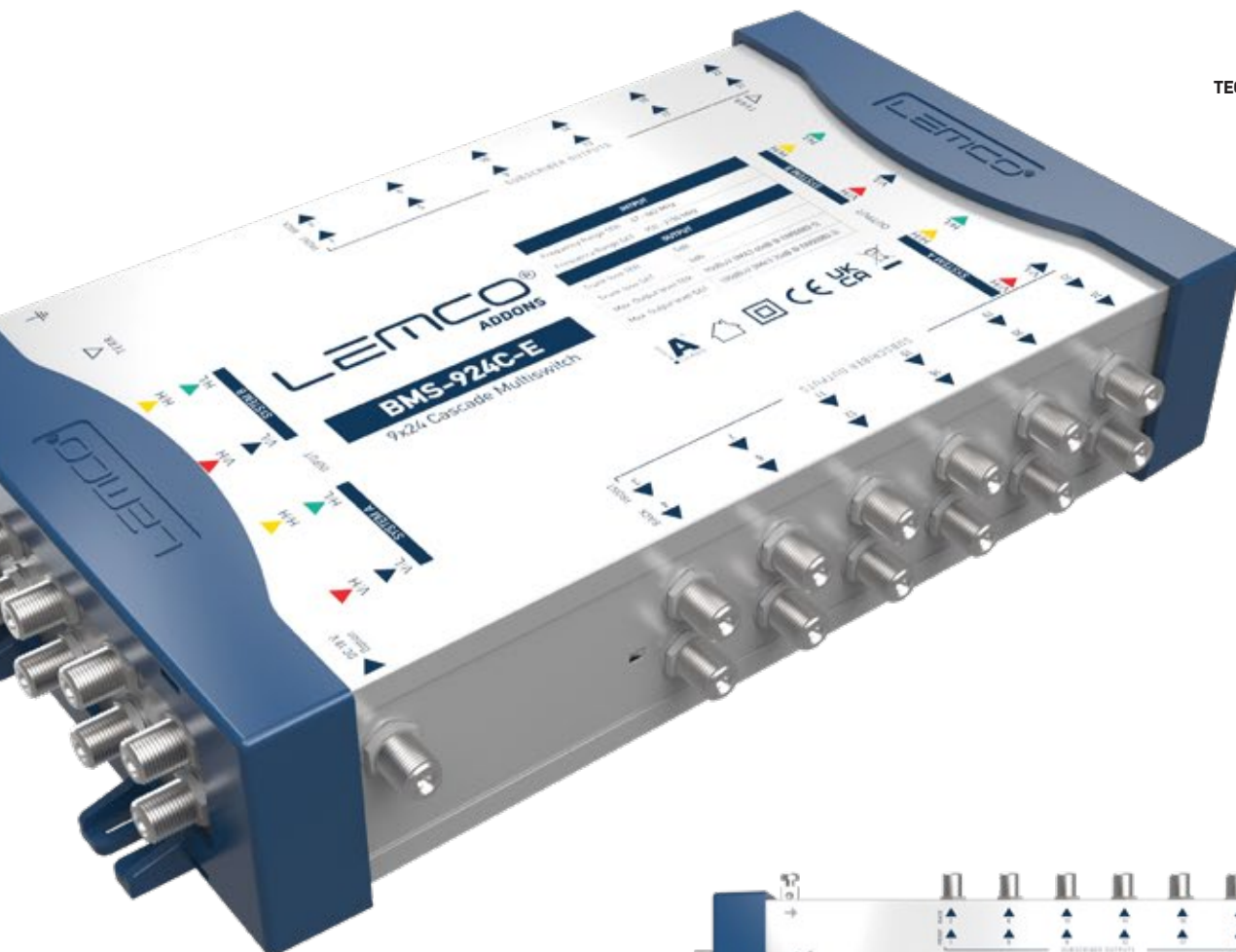
BLUETRON

BMS-916C-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	8+1
No of TAPs	16
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762687
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	180mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	195 x 175 x 60 mm
Weight	0,780 Kg



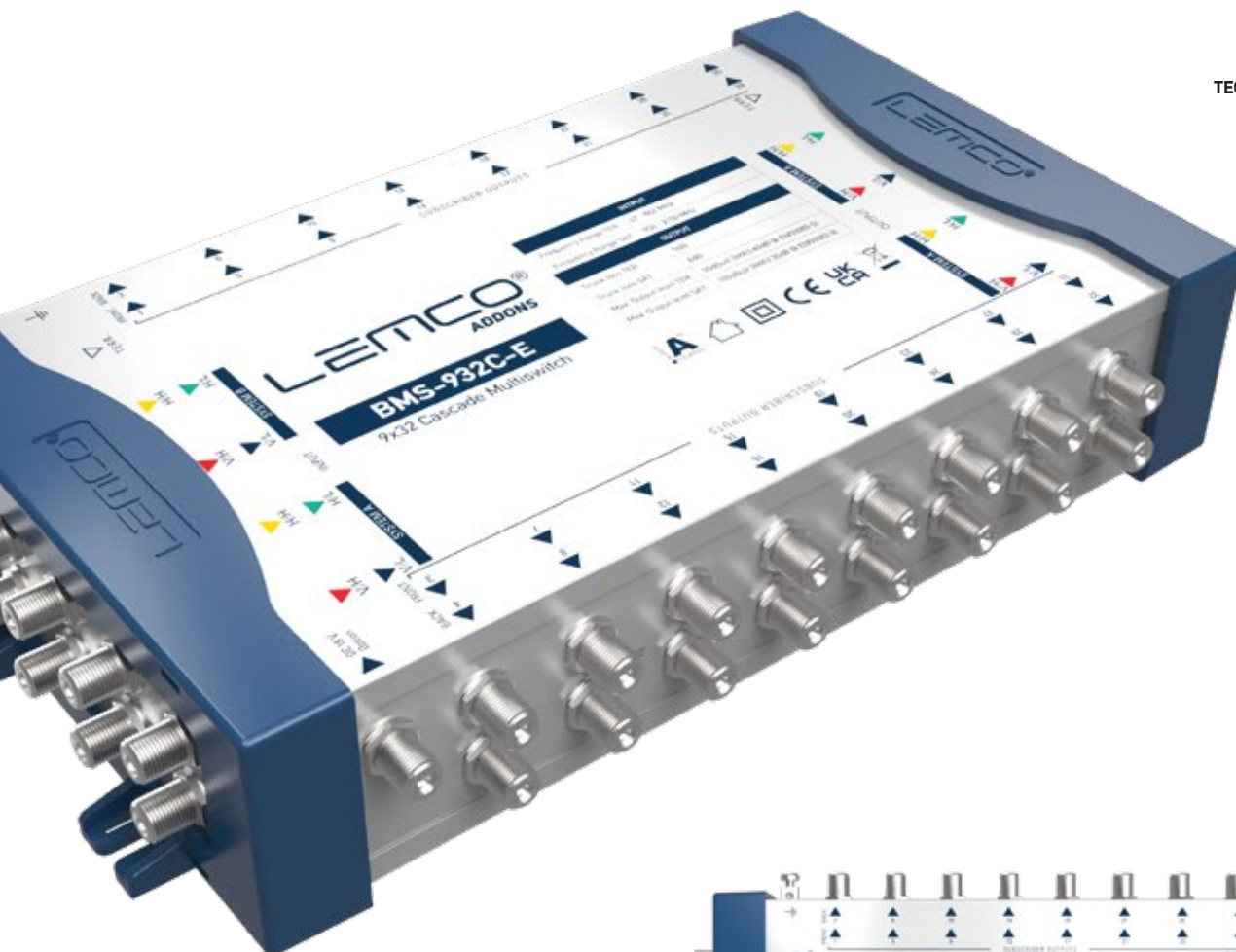
BLUETRON

BMS-924C-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quatrto
Output	
SAT+TER	8+1
No of TAPs	24
Trunk loss TER	5dB
Trunk loss SAT	6dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	4...-1dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762687
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	180mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	295 x 175 x 60 mm
Weight	1,034 Kg



BLUETRON

BMS-932C-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz, DiSEqC 2.0
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	8+1
No of TAPs	32
Trunk loss TER	5dB
Trunk loss SAT	6dB
Tap loss TER (5...862MHz)	0dB
Tap loss SAT (950...2150MHz)	4...-1dB
Max. Output level TER	90dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762687
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	180mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	1A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	295 x 175 x 60 mm
Weight	1,130 Kg

LEMCO
ADDONS
BMS-1332C-E
13x32 Cascade Multiswitch

ISMPUT	
Frequency Range ISM	87 - 960 MHz
Frequency Range SAT	950 - 2150 MHz
True loss TDR	5dB
Trunk loss SAT	9dB
Max Output level SAT	100dBm/1W & 33dBm/0.5W

CE UKCA

13series



BLUETRON

BMS-138C-E



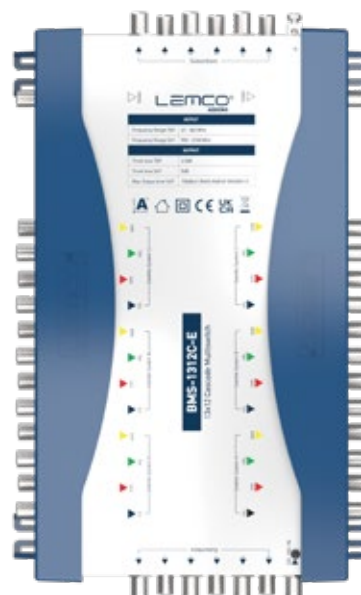
Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
No of TAPs	8
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	25dB
Tap loss SAT (950...2150MHz)	2...-3dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762717
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	0,980 Kg



BLUETRON

BMS-1312C-E



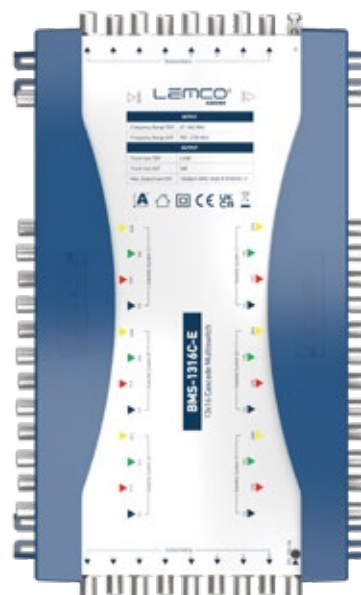
Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
No of TAPs	12
Trunk loss TER	4.5dB
Trunk loss SAT	5dB
Tap loss TER (5...862MHz)	29dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762724
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,100 Kg



BLUETRON

BMS-1316C-E



Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
No of TAPs	16
Trunk loss TER	4.5dB
Trunk loss SAT	5dB
Tap loss TER (5...862MHz)	29dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762731
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,120 Kg



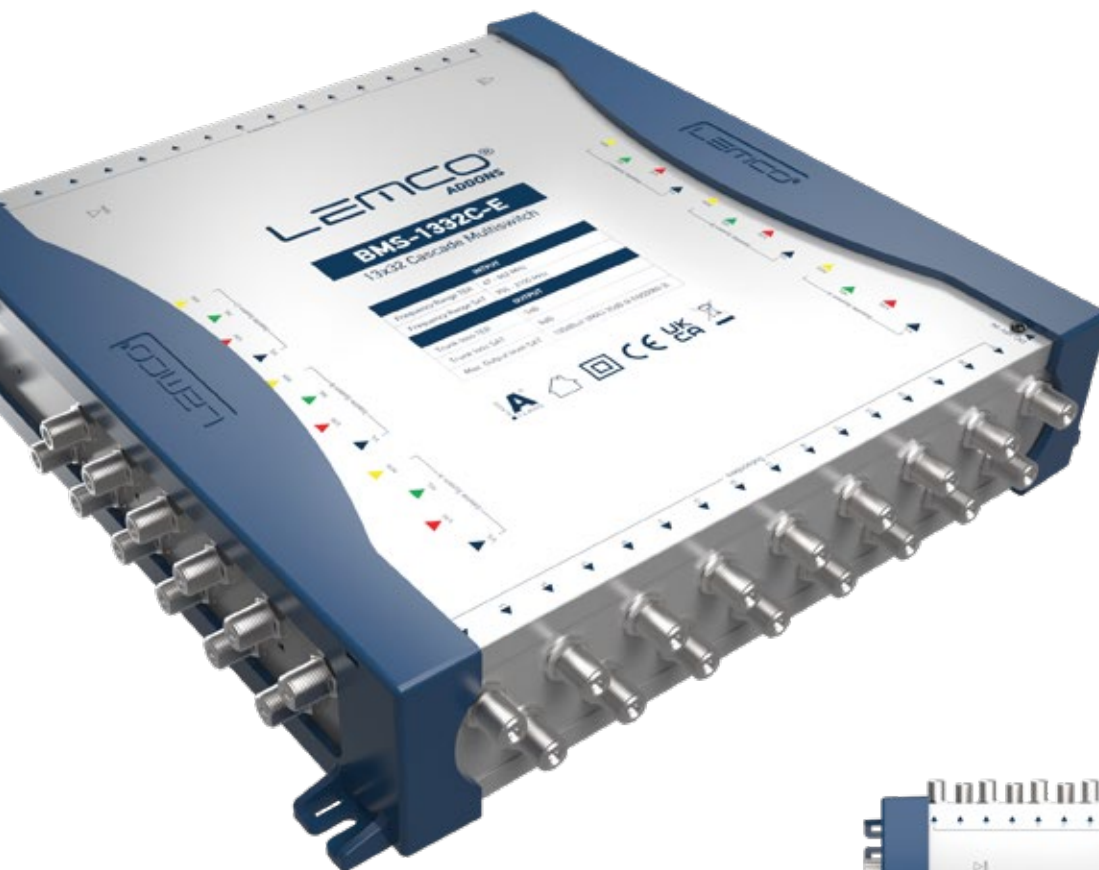
BLUETRON

BMS-1324C-E



Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
No of TAPs	24
Trunk loss TER	5dB
Trunk loss SAT	8dB
Tap loss TER (5...862MHz)	33dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762748
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 280 x 60 mm
Weight	1,595 Kg



BLUETRON

BMS-1332C-E



Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
No of TAPs	32
Trunk loss TER	5dB
Trunk loss SAT	8dB
Tap loss TER (5...862MHz)	33dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762755
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 280 x 60 mm
Weight	1,635 Kg

Bluetron



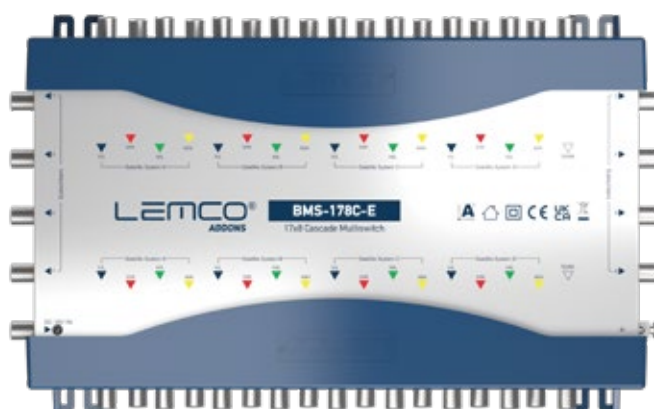
17series Cascade

Setting the new benchmark for multi-satellite distribution, the Bluetron 17-wire cascade series supports up to four satellites, offering supreme control and precision for the most demanding infrastructure projects. Perfect for large-scale deployments, this range ensures uninterrupted stability and optimal signal equalization across long-distance cascading chains.



BLUETRON

BMS-178C-E



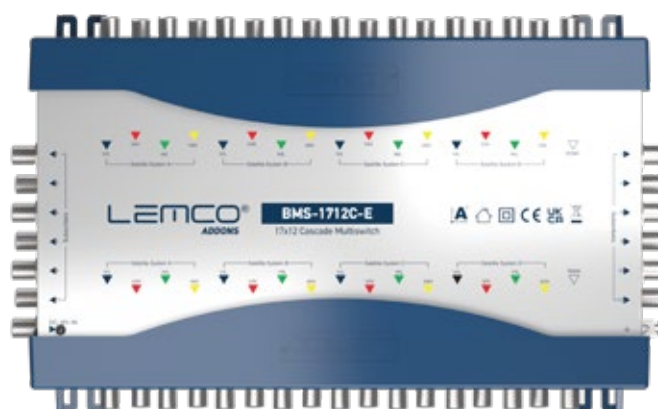
Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
No of TAPs	8
Trunk loss TER	4dB
Trunk loss SAT	4dB
Tap loss TER (5...862MHz)	25dB
Tap loss SAT (950...2150MHz)	-2...+3dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762762
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,060 Kg



BLUETRON

BMS-1712C-E



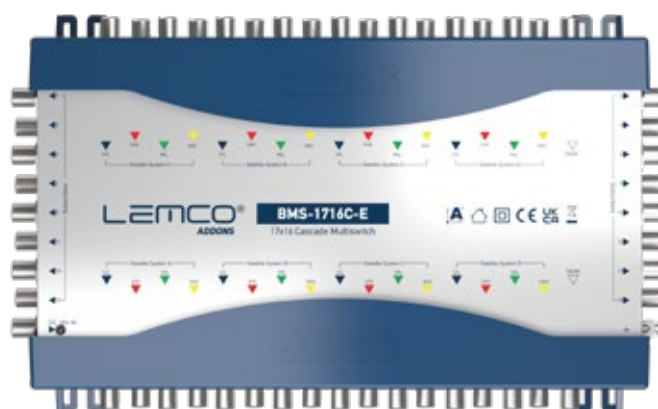
Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
No of TAPs	12
Trunk loss TER	4.5dB
Trunk loss SAT	5dB
Tap loss TER (5...862MHz)	29dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762779
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,140 Kg



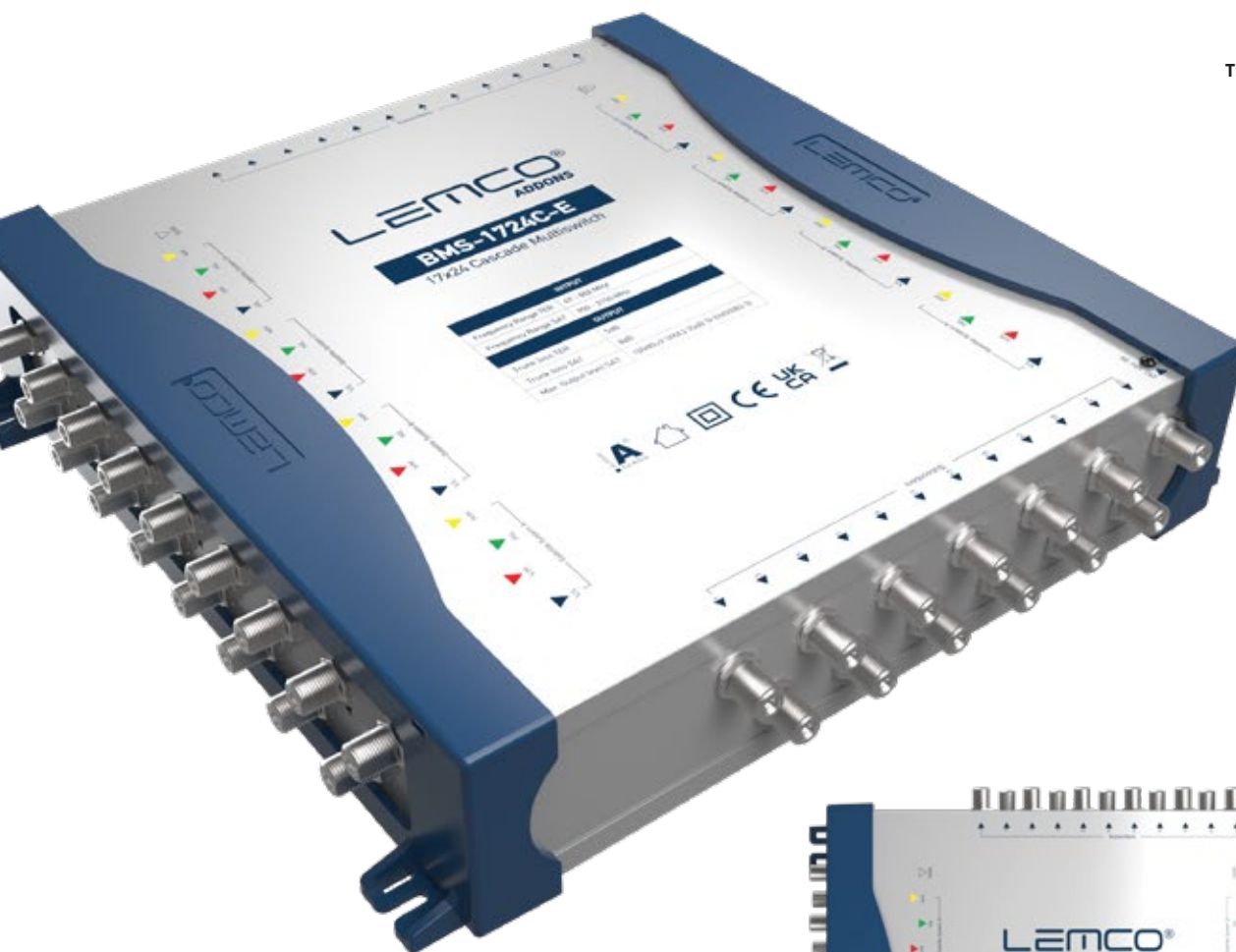
BLUETRON

BMS-1716C-E



Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
No of TAPs	16
Trunk loss TER	4.5dB
Trunk loss SAT	5dB
Tap loss TER (5...862MHz)	29dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762786
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,160 Kg



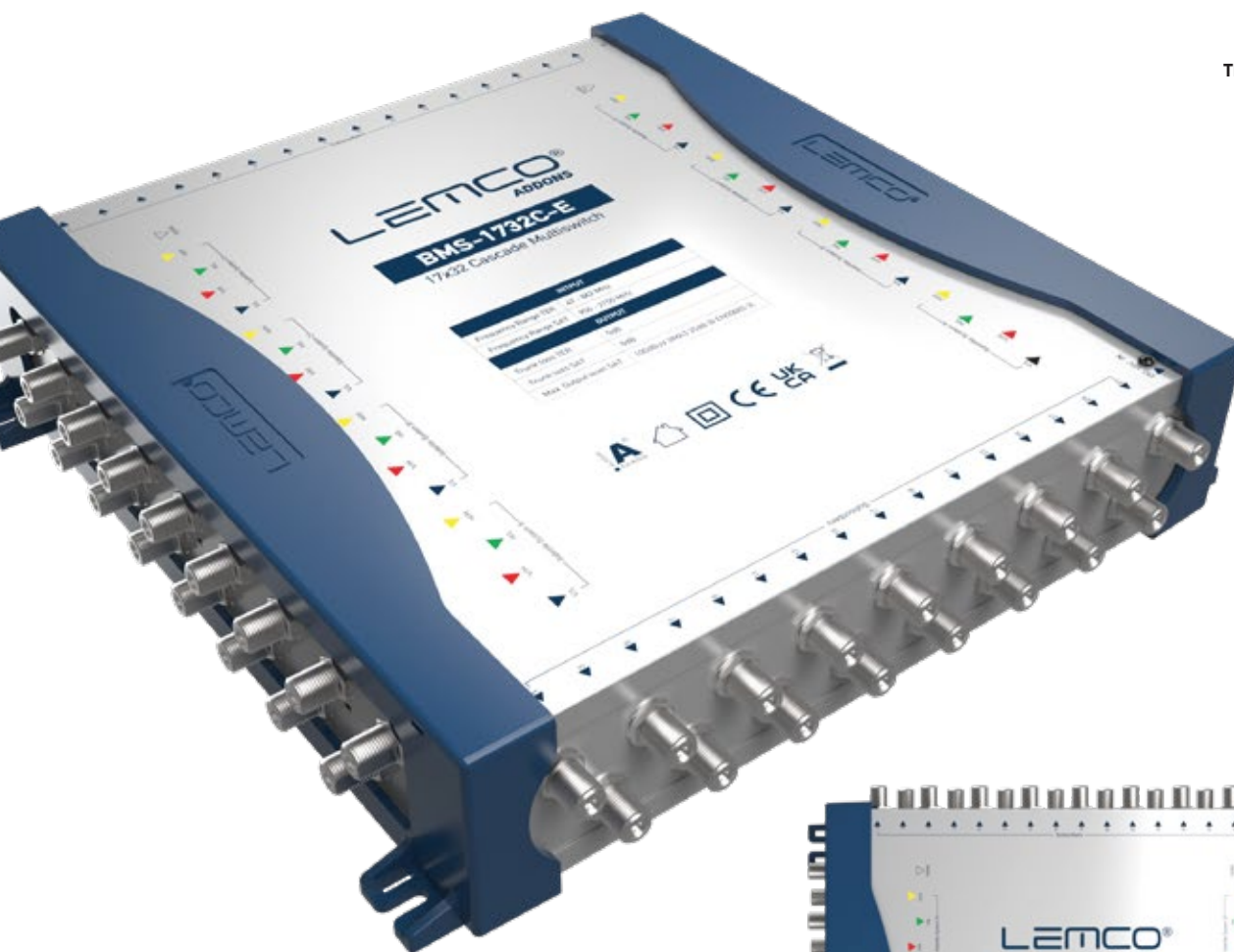
BLUETRON

BMS-1724C-E



Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
No of TAPs	24
Trunk loss TER	5dB
Trunk loss SAT	8dB
Tap loss TER (5...862MHz)	33dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762793
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 280 x 60 mm
Weight	1,635 Kg



BLUETRON

BMS-1732C-E



Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
No of TAPs	32
Trunk loss TER	5dB
Trunk loss SAT	8dB
Tap loss TER (5...862MHz)	33dB
Tap loss SAT (950...2150MHz)	3...-2dB
Max. Output level SAT	100dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
Trunk-Trunk TER-SAT	30dB
Trunk-Trunk SAT-TER	30dB
Trunk-Trunk SAT-SAT	35dB
Sub (TAP) TER to SAT	30dB
Sub (TAP) SAT to TER	30dB
Sub (TAP) H/V	30dB
Sub (TAP-TAP) TER	25dB
Sub (TAP-TAP) SAT	30dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762809
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
SAT/Trunks current consumption	0mA max.
Receiver current consumption	50mA max.
DC to LNB / Max. current to LNB	3A @ 18V
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 280 x 60 mm
Weight	1,675 Kg

Bluetron



Amplifiers

Bluetron amplifiers are engineered to boost multi-satellite and terrestrial signals with impeccable clarity and exceptional RF linearity. Available in 5, 9, 13 & 17-wire versions, they guarantee balanced distribution across every outlet while minimizing noise and maintaining full spectrum integrity — the powerhouse backbone behind robust, high-performance MATV & SMATV systems.



BLUETRON

BMA-005-E



Input	
SAT+TER	4+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	4+1
Gain TER	17dB
Gain SAT	15...24dB
Gain control TER	0...20dB
Gain control SAT	0...20dB
Slope control TER	0...15dB
Slope control SAT	10dB Fixed
Max. Output level TER	105dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	110dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
TER-SAT	32dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762816
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
Power consumption	250mA max. @ 18VDC
DC to LNB / Max. current to LNB	1.5A @ 18V
Power Indicator	Green LED
DC Pass SAT IN/OUT	Yes
DC Pass TER IN/OUT	No
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	175 x 145 x 60 mm
Weight	0,585 Kg



BLUETRON

BMA-009-E



Input	
SAT+TER	8+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	8+1
Gain TER	17dB
Gain SAT	15...24dB
Gain control TER	0...20dB
Gain control SAT	0...20dB
Slope control TER	0...15dB
Slope control SAT	10dB Fixed
Max. Output level TER	105dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	110dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
TER-SAT	32dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762823
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
Power consumption	380mA max. @ 18VDC
DC to LNB / Max. current to LNB	1.5A @ 18V
Power Indicator	Green LED
DC Pass SAT IN/OUT	Yes
DC Pass TER IN/OUT	No
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	175 x 145 x 60 mm
Weight	0,660 Kg



BLUETRON

BMA-013-E



Input	
SAT+TER	12+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	12+1
Gain TER	15dB
Gain SAT	16...22dB
Gain control TER	0...10dB
Gain control SAT	0...10dB
Slope control TER	0...10dB
Slope control SAT	6dB Fixed
Max. Output level TER	105dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	110dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
TER-SAT	32dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762830
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
Power consumption	650mA max. @ 18VDC
DC to LNB / Max. current to LNB	1.5A @ 18V
Power Indicator	Green LED
DC Pass SAT IN/OUT	Yes
DC Pass TER IN/OUT	No
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,170 Kg



BLUETRON

BMA-017-E



Input	
SAT+TER	16+1
Frequency Range TER	47 - 862 MHz
Frequency Range SAT	950 - 2150 MHz
Connector	F-female
Impedance	75Ω
Switch commands	13V, 18V, 13V/22KHz, 18V/22KHz
22KHz Tone	22±4 KHz, 0.75±0.25 Vpp
LNB supported	Quattro
Output	
SAT+TER	16+1
Gain TER	15dB
Gain SAT	16...22dB
Gain control TER	0...10dB
Gain control SAT	0...10dB
Slope control TER	0...10dB
Slope control SAT	6dB Fixed
Max. Output level TER	105dBuV (IMA3 60dB @ EN50083-5)
Max. Output level SAT	110dBuV (IMA3 35dB @ EN50083-3)
Connector	F- female
Impedance	75Ω
Isolation	
TER-SAT	32dB

Return Loss	
Input TER	10dB
Input SAT	10dB
Output TER	10dB
Output SAT	10dB
EAN-13	
Code	5213009762847
Power supply	
Input voltage/frequency	90...264 VAC/47...63Hz @18VDC
Power consumption	650mA max. @ 18VDC
DC to LNB / Max. current to LNB	1.5A @ 18V
Power Indicator	Green LED
DC Pass SAT IN/OUT	Yes
DC Pass TER IN/OUT	No
General	
Operating temperature	0 °C to 55 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	285 x 180 x 60 mm
Weight	1,250 Kg

Bluetron

LEMCO®

www.lemco.gr