UBH-1xx

Universal Hi – dynamic range wide band amplifier for applications where the high output power is required (up to 22 dBm). Especially suitable for amplifying XO outputs and signals in transmitting path.
The compact resistant workmanship built in galvanized enclosure of milled aluminum guarantees a stable operation under all conditions.

Recommended for frequency range:	10... 4 000 MHz
Noise figure/Gain/Output IP3@10 MHz:	2,0 dB / 18,0 dB / 43 dBm
50 MHz:	2,0 dB / 17,0 dB / 42 dBm
116 MHz:	2,0 dB / 16,0 dB / 40 dBm
145 MHz:	2,0 dB / 16,0 dB / 40 dBm
432 MHz:	2,1 dB / 15,0 dB / 40 dBm
1 296 MHz:	2,3 dB / 14,0 dB / 40 dBm
2 320 MHz:	2,4 dB / 12,0 dB / 40 dBm
3 500 MHz:	2,8 dB / 11,0 dB / 40 dBm
Supply voltage:	9... 15 VDC
Current consumption:	typ. 150 mA
Dimensions:	13,5 x 40 x 43 mm
Operation temperature range:	- 20... 50 ºC
Input and output connector choices:	Input and output connector choices:
LVH-103 mm:	SMA male input/SMA male output
LVH-103 mf:	SMA male input/SMA female output
LVH-103 fm:	SMA female input/SMA male output
LVH-103 ff:	SMA female input/SMA female output

LVH-103xx

Wide band low noise amplifier with very high dynamic resistance, optimal for bands 6 m and 4 m (50 and 70 MHz).
The compact resistant workmanship built in galvanized enclosure of milled aluminum guarantees a stable operation under all conditions.

Recommended for frequency range:	40... 100 MHz
Noise figure/Gain/Output IP3@50 MHz:	1,5 dB / 25 dB / 37 dBm
70 MHz:	1,0 dB / 25 dB / 38 dBm
100 MHz:	0,8 dB / 25 dB / 38 dBm
Supply voltage:	9... 15 VDC
Current consumption:	typ. 10 mA
Dimensions:	13,5 x 40 x 43 mm
Operation temperature range:	- 20... 65 ºC
Input and output connector choices:	Input and output connector choices:
LVH-103 mm:	SMA male input/SMA male output
LVH-103 mf:	SMA male input/SMA female output
LVH-103 fm:	SMA female input/SMA male output
LVH-103 ff:	SMA female input/SMA female output

RMC

RMC s.r.o.
Trenčianska 863/66
018 51, Nová Dubnica
Slovakia

+421 42 4455611
rmc@rmc.sk
www.rmc.sk

LUH-103xx

Wide band low noise amplifier with very high dynamic resistance, optimal for bands 2 m and 70 cm (145 MHz and 432 MHz).
The compact resistant workmanship built in galvanized enclosure of milled aluminum guarantees a stable operation under all conditions.

Recommended for frequency range:	100 – 1 300 MHz
Noise figure/Gain/Output IP3@144 MHz:	0,40 dB / 25,0 dB / 37 dBm
432 MHz:	0,50 dB / 21,0 dB / 39 dBm
1 296 MHz:	0,75 dB / 13,5 dB / 42 dBm
Supply voltage:	9... 15 VDC
Current consumption:	typ 100 mA
Dimensions:	13,5 x 40 x 43 mm
Operation temperature range:	- 20... 65 ºC

Input and output connector choices:	Input and output connector choices:
LVH-103 mm:	SMA male input/SMA male output
LVH-103 mf:	SMA male input/SMA female output
LVH-103 fm:	SMA female input/SMA male output
LVH-103 ff:	SMA female input/SMA female output

LUM-33xx

Extra - Low noise amplifier with high dynamic resistance, optimal for bands 70 cm and 23 cm (432 MHz and 1 296 MHz).
The compact resistant workmanship built in galvanized enclosure of milled aluminum guarantees a stable operation under all conditions.

Noise figure/Gain/Output IP3@432 MHz:	0,35 dB / 23,7 dB / 31 dBm
1 296 MHz:	0,60 dB / 14,3 dB / 35 dBm
2 320 MHz:	0,90 dB / 10,5 dB / 37 dBm
Supply voltage:	15 VDC
Current consumption:	typ. 60 mA
Dimensions:	13,5 x 40 x 43 mm
Operation temperature range:	- 20... 65 ºC

Input and output connector choices:	
LVH-103 mm:	SMA male input/SMA male output
LVH-103 mf:	SMA male input/SMA female output
LVH-103 fm:	SMA female input/SMA male output
LVH-103 ff:	SMA female input/SMA female output

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Slovakia

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www.rmc.sk