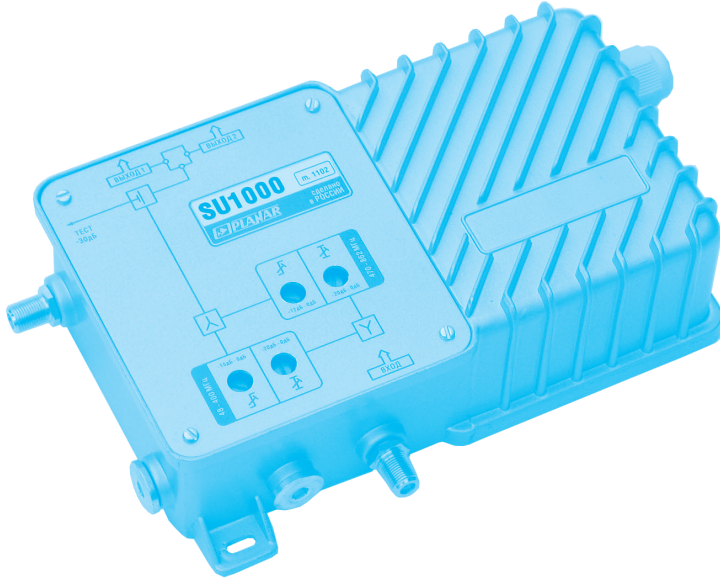


WIDEBAND AMPLIFIERS SU1000 MODEL 1102 – «WITH RANGE SEPARATION»

Wideband amplifier is intended for amplifying of cable network television signals with operating range separation 48...400 / 470...862 MHz *).

- POWER DOMESTIC AMPLIFIER WITH HIGH OUTPUT LEVEL 121 dB μ V.
- EACH RANGE LEVEL AND SLOPE CONTROL.
- TWO OUTPUTS (SPLITTER AND TAP INSERTABLE MODULES).
- OUTPUT TEST PORT.
- MOULDED ENCLOSURE TO GUARANTEE PERFECT WARM OPERATION CONDITION.



Note.

*) – it is possible other frequency range separation (under request).

SPECIFICATION

FORWARD PATH

Frequency range, MHz	48...400/470...862
Gain, dB	32/40
Variable gain control, dB	0...20
Variable slope control, dB	0...15/12
Return losses, dB, not less	143
Max output level (800 MHz) at IMA III (B) –60 dB, dB μ V	121
HAM modulation, dB	70
Mains operating voltage	~187...242
Power consumption, dB	10
Enclosure	IP20
Operating temperature range, °C	-20...+55
Dimension, mm	200x135x60
Weight, kg	1,5
Link connector	«F»-female
Test port signal attenuation, dB	30

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WIDEBAND AMPLIFIERS
 SU1000 MODEL 1102 INSERTABLE MODULES

- Output power splitters
 SDM-00 through 0 dB
 SDM-04 splitter 4/4 dB
 SDM-08 tap 2/8 dB
 SDM-12 tap 2/12 dB
 SDM-16 tap 1/16 dB
 SDM-20 tap 1/20 dB

WIDEBAND AMPLIFIERS
 SU1000 MODEL 1102 STRUCTURE SCHEMATIC

