

RECEIVER-TRANSMITTER COMPLECT FOR AUDIO-VIDEO SIGNALS ON TWISTED PAIR WIRES.

GE-42

TECHNICAL INFORMATION

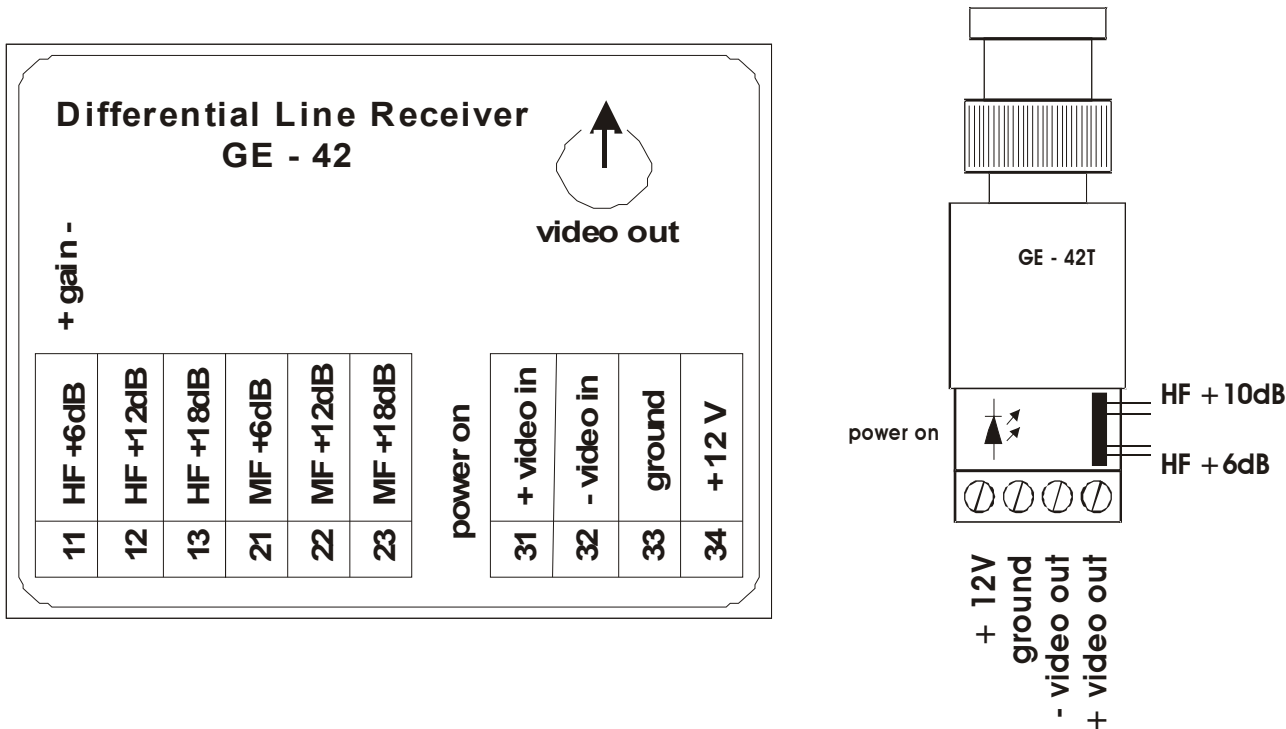
Is used to transmit signal from video camera with the UTP-5 cable on a distance up to 1200 m (1800 m when reinforced) . Same complect is used to transmit audio or any other signal in a range from 10Hz up to 10MHz.

• GE-42T TRANSMITTER.

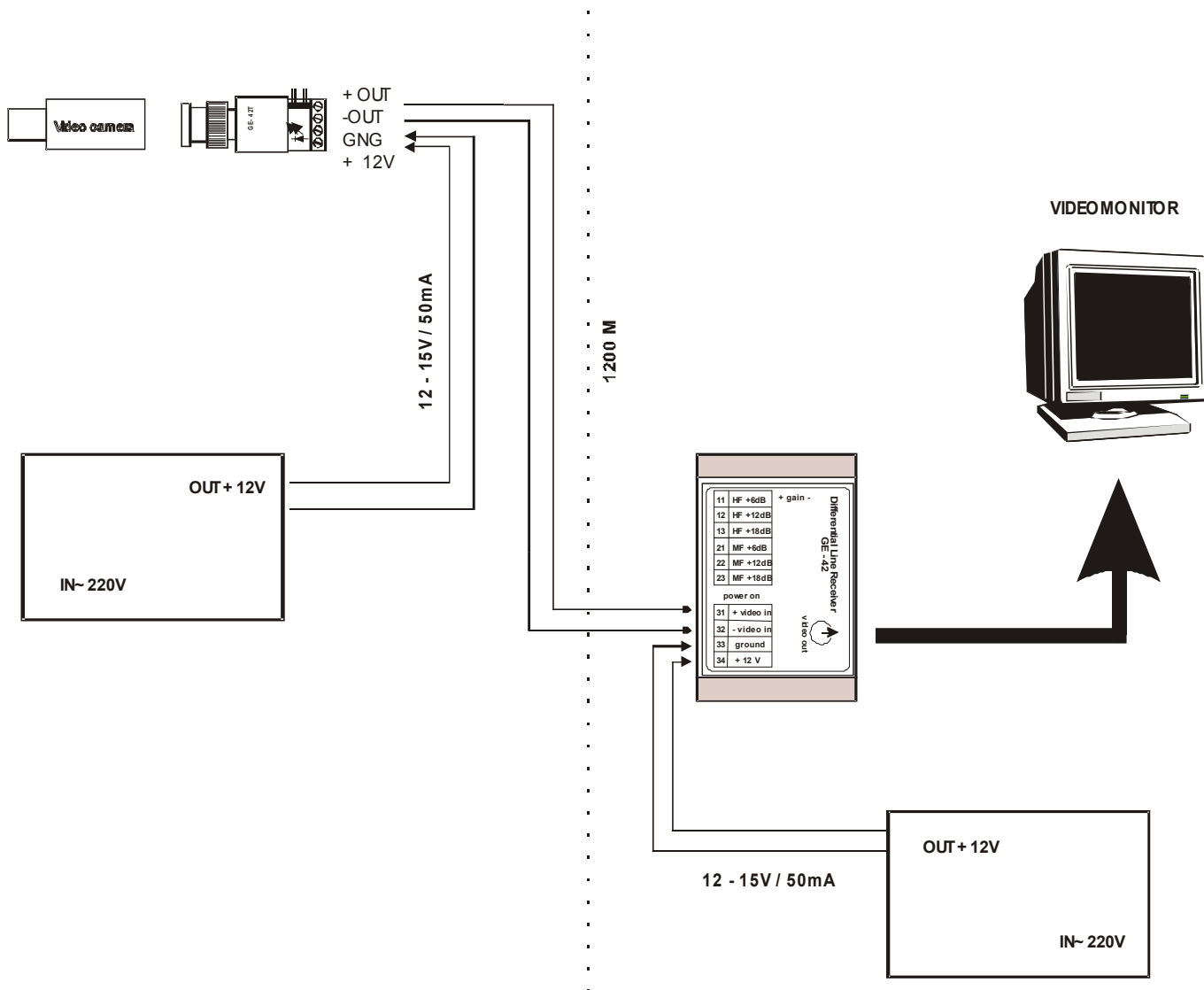
1. Built in an internal cavity of coaxial tip BNC, 4 screw sockets are applied for having an input power and a symmetric output of video signal.
2. Power supply of the transmitter (built - in stabilizer) + 12-15 V / 50 mA
3. Input signal 1 V / 75 Om
4. Output signal 2 V / 120 Om
5. Maximu output current 50 mA
6. Minimal resistance of load 50 Om
7. Frequency range 10 Hz – 20 Mhz
8. Step adjustment of high-frequency HF predistortions in a cable of communication on the 5 Mhz frequency +6 dB и +10 dB
9. Protection against short circuit on an output
10. Range of working temperatures -40 - +85°C
11. Case IP-44

• GE-42R Receiver.

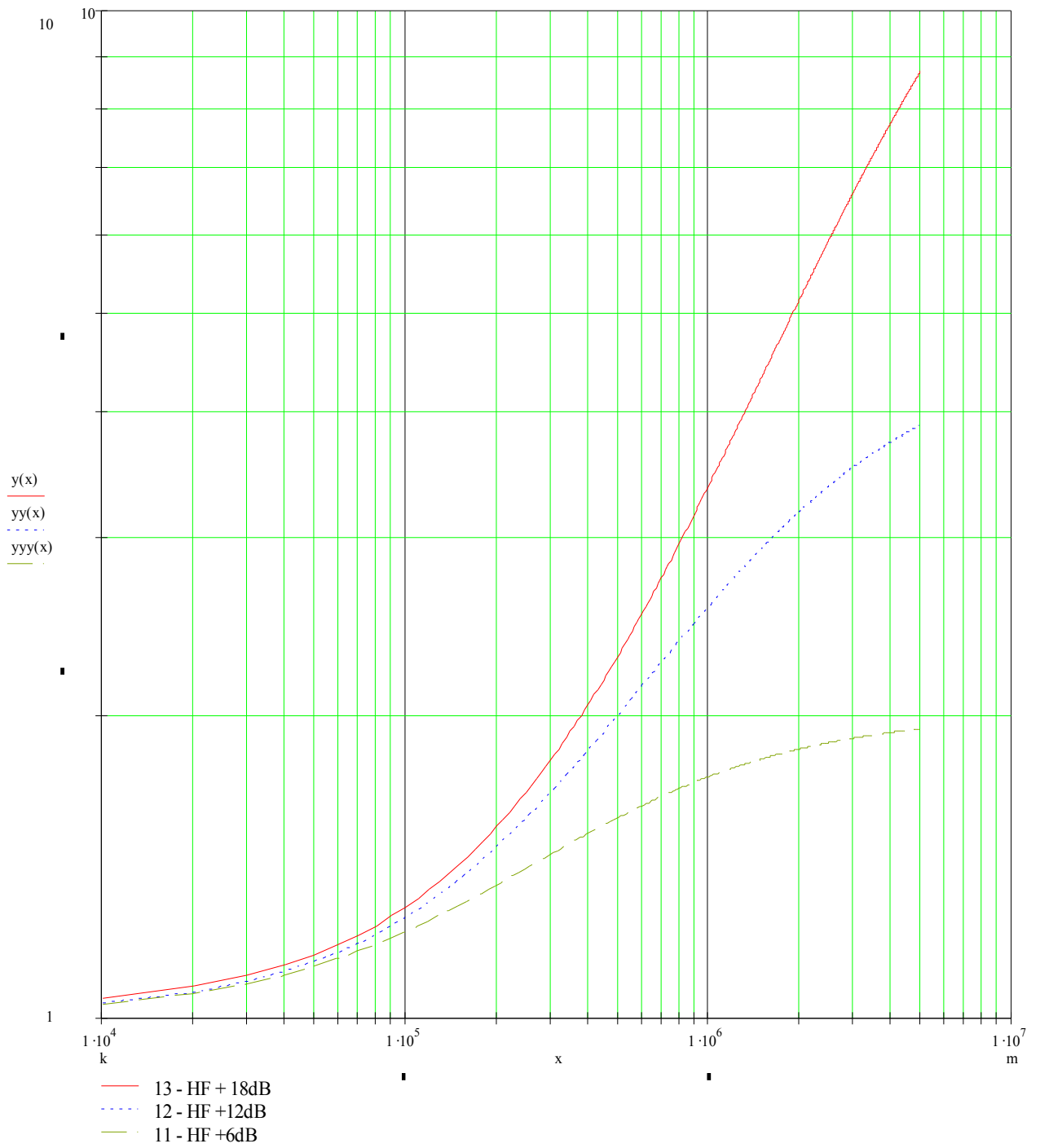
1. Built in a plastic case with wall fastening 53 x 45 x 23 mm
2. Screw sockets are applied for an entrance differential signal (it is necessary to observe polarity of its' connection), an input from the power supply +12-15 V / 50 mA
3. The jack is applied for output video signal BNC
4. The light-emitting diode for indicating the process +3 dB - +13 dB.
5. Indemnification regulator of low-frequency osses in cable
6. Step adjustment of high-frequency HF predistortions in a cable of communication on the 5 Mhz frequency +6 dB / +12 dB / +18 dB
7. Step adjustment of mid-frequency HF predistortions in a cable of communication on the 1,0 Mhz frequency +6 dB / +12 dB / +18 dB
8. Current used 50 mA
9. Input signal 2V / 120 Om
10. Output signal 1 V / 75 Om
11. Maximu output current 60 mA
12. Frequency range 10 Hz – 20 MHz
13. Protection against short circuit on an input
14. Range of working temperatures -40 - +85°C
15. Case IP-44



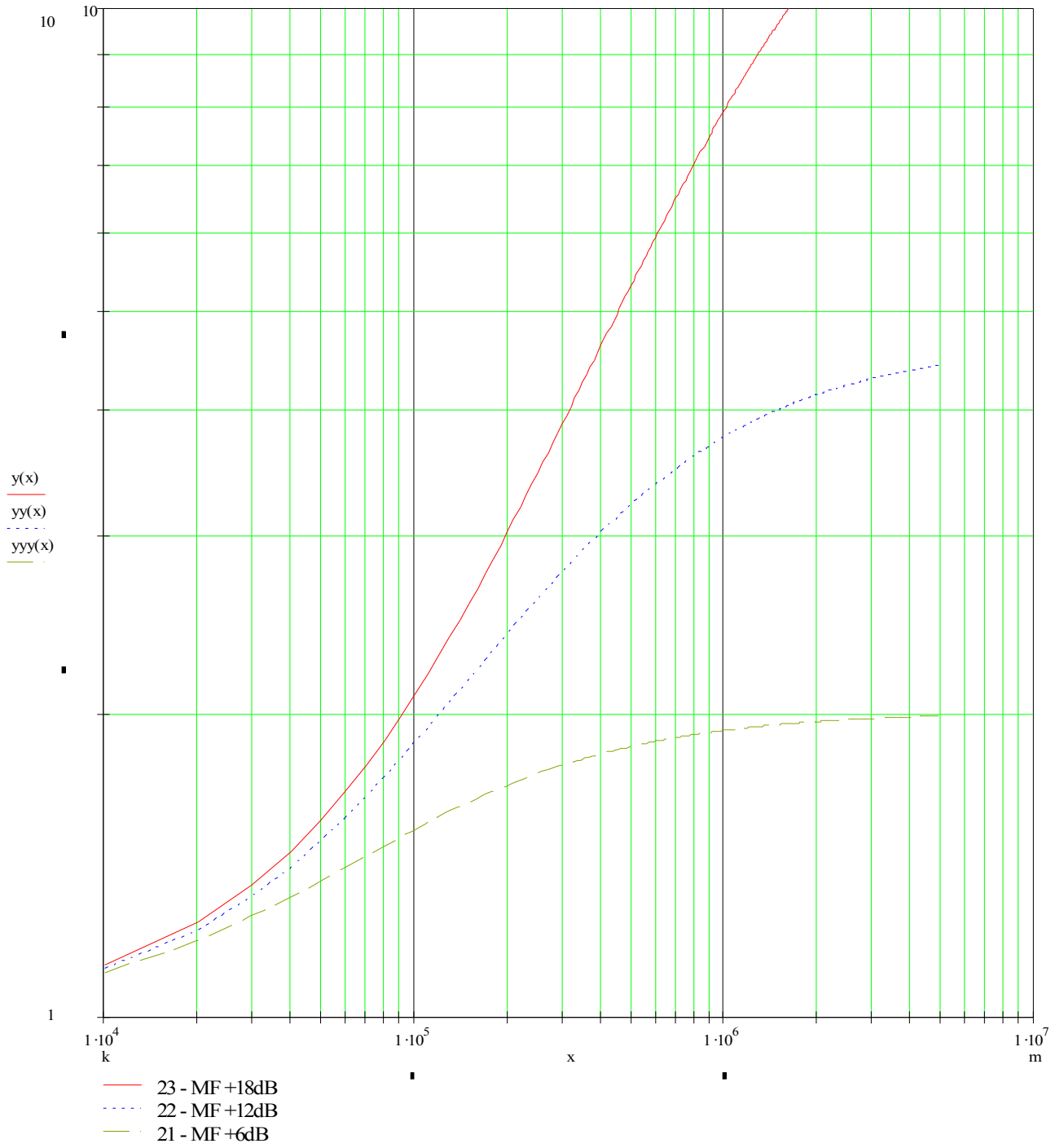
Assembly diagram GE-42T and GE-42R :



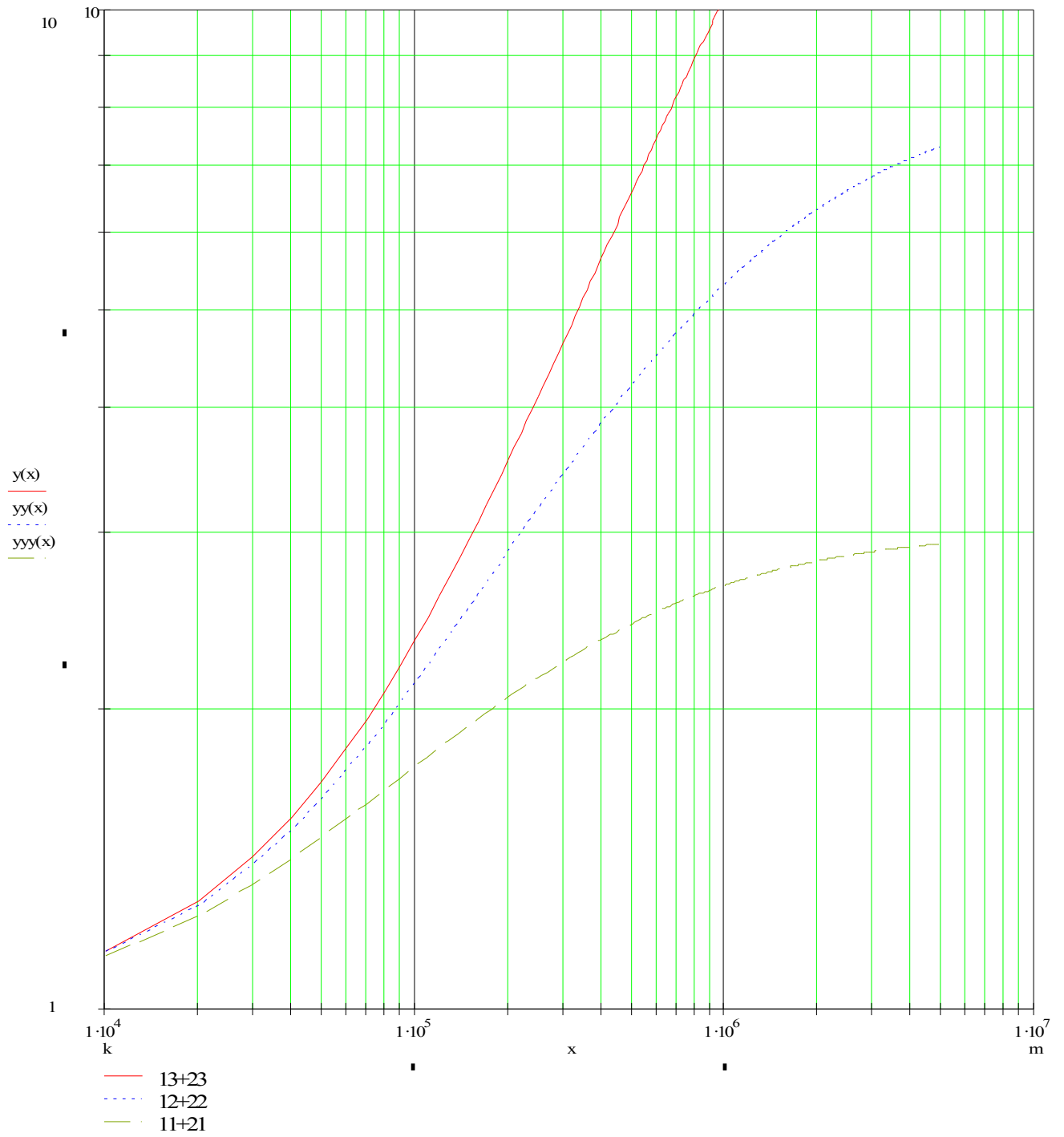
On all schedules on a vertical axis amplification in times, on a horizontal axis frequency in Hz.



The schedule of indemnification of high-frequency losses at different positions of jumpers.



The schedule of indemnification of mid-frequency losses at different positions of jumpers.



The schedule of indemnification of high-frequency and mid-frequency losses simultaneously at different positions of jumpers.