

Broadband house amplifiers

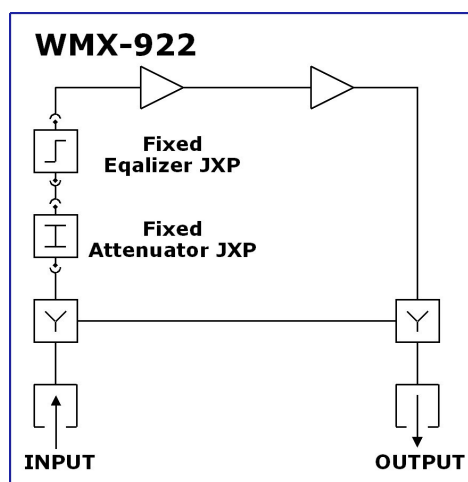
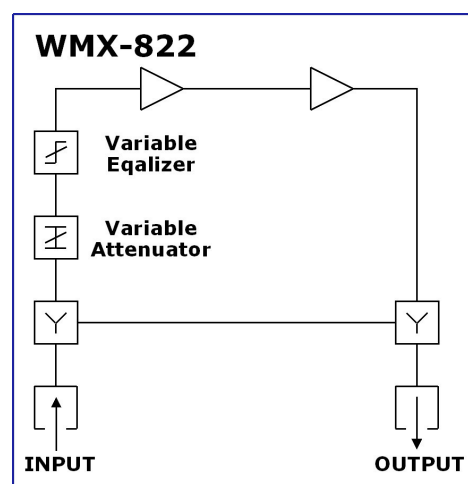
WMX-x22



The **WMX-x22** series amplifiers have been designed, considering the requirements of CATV operators looking for a good quality of transmitted signal at a reasonable cost of investment. In addition, the possibility of local or remote power supply of the amplifier ensures wide range of its applications.

The **WMX-x22** broadband amplifiers are designed only for indoor installation.

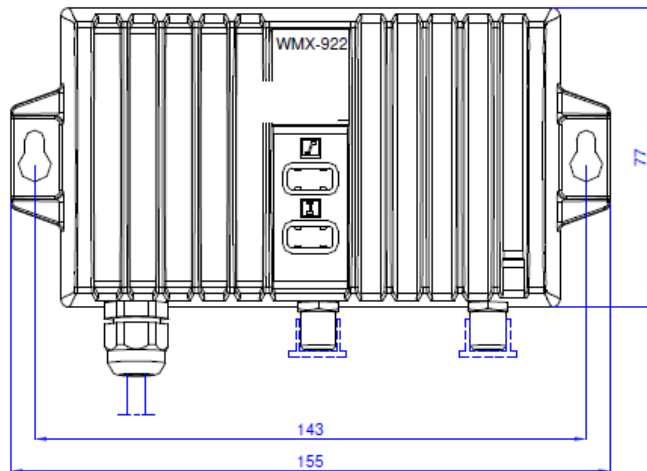
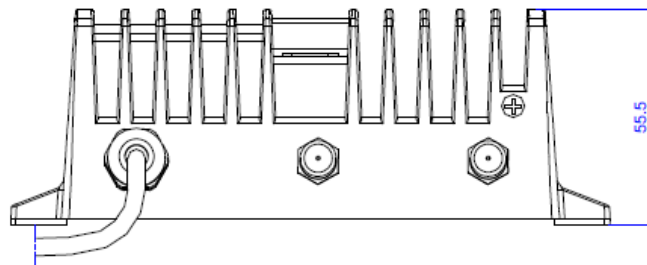
Block diagram – WHO-822, WHO-922



- High output level 122dBuV.
- Easy configuration.
- Input / Output double overvoltage protection.
- Local or remote power supply via input connector.
- Extremely low power consumption <5,5
- Metal, die-cast housing.

TECHNICAL SPECIFICATION

| FORWARD PATH | | WMX-917 | WMX-922 |
|-------------------------------------|-----------|---|------------------------------|
| Frequency range | MHz | ver. R: 47 ÷ 1000 ver. A: 55 ÷ 1000 ver. M: 87 ÷ 1000 | |
| Gain | dB | 33 | |
| Gain characteristic flatness | dB | ±0,75 | |
| Max. output level (EN50083-5) | dBuV | 122 | |
| CTB, CSO @ 60dB (EN50082-3) | dBuV | 105 | |
| Input attenuator & equalizer | / | adjustable 0 ÷ 20dB | JXP plug-in module: 0 ÷ 20dB |
| Return loss | dB | 18 for 40MHz – 1,5dB/oct. | |
| Noise figure | dB | < 5,5 | |
| RETURN PATH | | | |
| Frequency range | MHz | ver. R: 5 ÷ 30 ver. A: 5 ÷ 42 ver. M: 5 ÷ 62 | |
| Type of return path | / | Passive, attenuation ≤ 2dB | |
| OTHERS | | | |
| Operating voltage - Local | V AC / Hz | 187...250 / 50..60 | |
| Operating voltage - Remote | V AC / Hz | 30...65 / 50..60 | |
| Power consumption | W | < 5,5 | |
| Input / Output connector (standard) | / | "F" | |
| Weight | kg | 0,7 | |
| Dimension (S x W x G) | mm | 155 x 80 x 56 | |



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