

Modular TV modulators

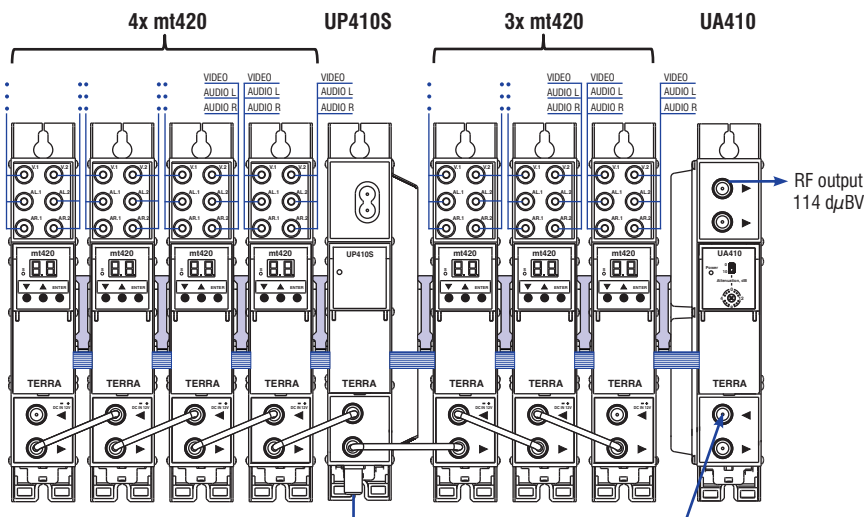
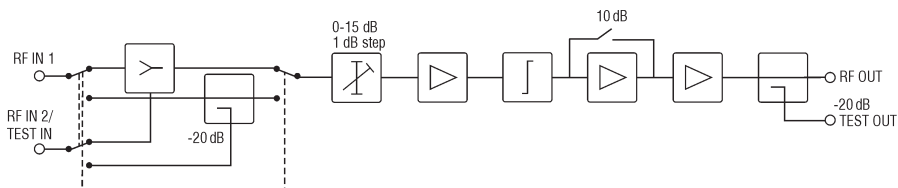
Output amplifier

- high output level system amplifier
- switchable input mode: 2 inputs or 1 input and directional input test point
- gain adjustment by 1 dB step
- output test point
- DIN rail or wall mounting
- robust die-cast housing
- connectors:
4xRF - type F
screw terminal block for DC entry
power distribution bus



Technical specifications

TYPE	UA410
Ordering number	02566
Frequency range	47-862 MHz
Gain, switchable	30/40 dB
Output level CTB (-60 dB, EN50083-3)	110 dB μ V
Output level CSO (-60 dB, EN50083-3)	111 dB μ V
Noise figure (2 inputs / input and test point)	11 / 8 dB
Gain adjustment	15 dB by 1 dB step
Test points	-20 dB \pm 0.75 dB
Current consumption	12 V 0.8 A
Operating temperature range	0 $^{\circ}$ \div + 50 $^{\circ}$ C
Dimensions/Weight (packed)	48.5x198x107.5 mm/1.2 kg



Application diagram of transmitting of 14 analog TV channels.

mt420 - VSB modulator
UP410S - power supply