

MOT GAPFILLER SERIES

The **MOT GAPFILLER** provides a complete digital coverage solution with echo cancellation to make sure the area is not receiving dual signals by canceling system feedback between the transmit and receive antennas. The innovative software provides useful tools to manage your Single Frequency Network.



MAIN ADVANTAGES

- Multi standard Digital Repeater On Channel
- Heterodyne Repeater
- Superior Echo Cancellation Algorithm
- Perfect for Gap Filler area in SFN Network Deployment
- AGC (Automatic Gain Control) for Power Limit
- Compact Size design 1RU or 2RU up to 180Wrms (on request)
- User friendly JAVA script user interface
- Multi-standard Capability (DVB, ISDB-T, DTMB, ATSC, ATSC-MH)
- Advanced O&M feature support
- Remote management capabilities included

MODELS

Band	Dimensions	Output CNC	Cooling	DVB, ISDB-T, DTMB Wrms	ATSC Wrms	Analog peak sync Wps	Shoulders (@Fo 3.5MHz ATSC) (@Fo 4.3MHz DVB) (@Fo 3.3MHz ISDB-T)
UHF	1RU	N	Air	10	12	50	-39
UHF	1RU	N	Air	50	60	100	-39
UHF	2RU	N	Air	150	180	400	-39
VHF (III)	1RU	N	Air	12	15	50	-39
VHF (III)	2RU	N	Air	150	180	200	-39

Working as a GAPFILLER

The **MOT GAPFILLER** receives a DTV signal from the air, filters it, amplifies it and converts it into IF, equalizes it, cancels it and repeats it using a fully agile local oscillator controlled by GPS to send it back to the air on the same frequency. This way you can cover areas where the main signal arrives at low levels.

Working as a REGENERATIVE TRANSMITTER

The **MOT GAPFILLER** receives a DTV signal from the air, filters it, amplifies it and converts it into IF, equalizes it, cancels it and repeats it using a fully agile local oscillator controlled by GPS to send it back to the air on another frequency in any TV band. This system is very simple to install and makes the transmission quality exceptional although the reception signal is not good.