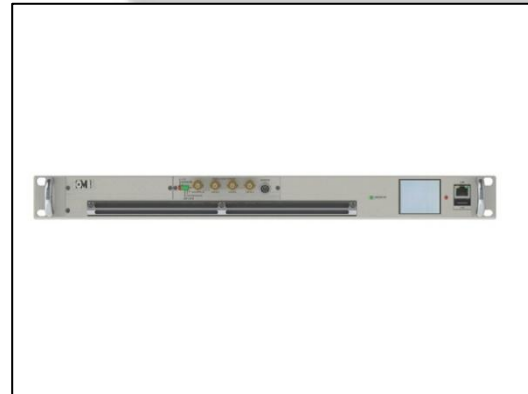


50W DIGITAL TV RE-EMITTER (GAFILLER) GAP 50 MULTICAST COMPACT

The 50W digital TV re-emitter, **GAP 50 MULTICAST COMPACT**, enables the repetition of a channel in that same received channel. 70dB isolation is needed for a 5W per channel correct operation, so it is very easy to install without large towers or complex installations. The re-emitter GAP 50 MULTICAST COMPACT can also be used in SFN because it respects the guard interval in the overlapping coverage area.



GENERAL CHARACTERISTICS

RF INPUT	
SIGNAL TYPE	One DTV channel (DVB-T/H/T2, ISDB-T/Tb, ATSC)
FREQUENCY RANGE	170-862MHz (agile tuning)
SENSITIVITY	-75 to -15dBm
SELECTIVITY(PI=-40dBm)	>60dB \pm 4.2MHz
NF (PI=-50dBm)	<6dB
CONVERSION TYPE	Direct base band conversion (zero IF)
RETURN LOSS	>15dB
CONNECTOR	N(F) 50 Ohm
ECHO CANCELLER	
CANCELLATION LEVEL	40dB, typical
CANCELLATION WINDOW	20 μ s
DOPPLER CANCELLATION	yes
MAXIMUM ECHO/SIGNAL RATIO	+15dBc (over main signal) typical
TOTAL DELAY	<10 μ s

** The images and/or technical specifications are subject to change without previous notice.*

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