



Application

- DVB-T/-H/-T2 & ISDB-T indoor coverage enhancement
- Buildings, Shopping malls, VIP

Key Features

- Very Compact design
- MFN and SFN compliant
- Automatic Gain Control
- High selectivity
- Alarm by SMS (optional)

Benefits

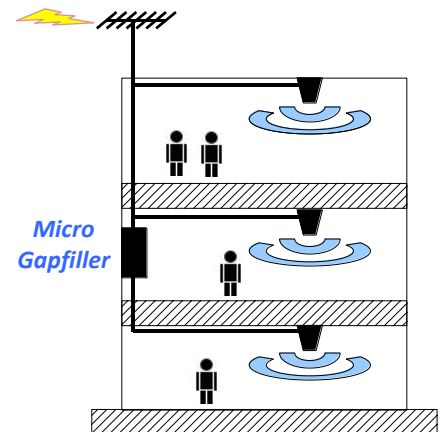
- No settings
- Cost effective solution
- Fast and easy deployment

Contact us

- protel@protel.it
- www.protel.it

Solution for Digital TV coverage

DVB-T/-H/-T2 & ISDB-T Micro-Gapfiller Indoor



DVB-T[®] DVB-H[®] DVB-T2[®] ISDB-T

A simple and economic way for inside coverage

The **DVB-T/-H/-T2 Micro-Gapfiller** enhances the coverage in the infrastructures like buildings, shopping malls, private houses, etc... where the reception from the main terrestrial transmitters is difficult or even impossible. Indeed, the attenuation of the signal through the walls can be very important, and makes it impossible to use inside the buildings TV receivers, TV sticks for laptop, mobile TV terminals, etc...

The **DVB-T/-H/-T2 Micro-Gapfiller** consists of whole-integrated equipment that filters and amplifies the channel to rebroadcast. Very compact and wall-mounted, the DVB-T/-H/-T2 Micro-Gapfiller is very discrete and can be installed anywhere.

The **DVB-T/-H/-T2 Micro-Gapfiller** is configurable by PC. An optional monitoring module allows sending alerts by SMS.

100% agile in all the UHF band, maintenance and interchangeability is immediate if necessary.

Ordering Code	Designation
018 645	Agile Micro Gapfiller DVB-T/-H/-T2 Indoor
018 646	Agile Micro Gapfiller DVB-T/-H/-T2 Indoor with Monitoring Module



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Quality Model FP1004D / ed 27 / 07 / 2011

DISTRIBUTORE PER L'ITALIA :
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RF Features	
Standards	DVB-T, DVB-H, DVB-T2, ISDB-T
Input / Output Frequency	470-862 MHz
Bandwidth	8, 7 or 6 MHz
Offset	-3, -2, -1, +1, +2, +3 x 1/6 MHz
Selectivity	40 dB @ ± 400 kHz
Input level	-72 to -32 dBm
Output level	+20 dBm / 100 mWrms
Gain	≤ 70 dB
Ripple	$\leq \pm 1$ dBc
Out of band emission	Compliant with : ETSI EN 302 296 V1.1.1
Shoulders	≥ 36 dBc @ 500 kHz
MER	≥ 30 dB (pour MERin ≥ 38 dB)

Cabinet features	
Control and monitoring	Serial Link Alarms by SMS (optional)
Maintenance	All the modules are full band and can be easily replaced
Architecture	Indoor cabinet
Dimensions	114 mm (Width) x 168 mm (Height) x 62 mm (Depth)
Weight	< 1 kg
Fastening	On wall
Ingress Protection	IP20
Cooling	Natural convection
Power supply range	85-265 VAC
Power consumption for each way	< 12 VA
Coaxial standard connectors	SMA female
Temperature	-10°C to +50°C

Options

Antenna Kits



- ✓ Donor antenna
- ✓ Indoor TX antennas
- ✓ Coaxial cables
- ✓ Balanced and unbalanced couplers