

# Profino Revolution

REF. 6710



No equivalent on the market  
due to its revolutionary technology:

- Read-out of input level strength: no need for field strength meter
- Sharpest filters on the market (50 dB on adjacent channels)
- Real-time AGC on all individual multiplexes
- Flex matrix: complete flexibility in assigning filters from any input
- Made in Europe, for worldwide application
- The Profino Revolution is really easy to install
- RED compliant
- Patent pending



Minimize installation costs and improve your video quality  
with the Profino Revolution.



- Very easy and fast installation
- Extremely sharp filters
- Perfect headend for your fibre installation
- Excellent quality of the output signal

| Parameter            | Unit | Value                                         |
|----------------------|------|-----------------------------------------------|
| Inputs               | -    | 1 FM + 1 DAB/VHF + 2 UHF                      |
| Outputs              | -    | 1 main (FM-DAB-VHF-UHF) + 1 test port (-30dB) |
| Frequency range      | MHz  | FM: 88 - 108                                  |
|                      | MHz  | VHF: 174 - 240                                |
|                      | MHz  | UHF: 470 - 862                                |
| LTE Protection       | MHz  | Automatic selection: 694, 790 or OFF          |
| Input level          | dBμV | FM: 37 - 77                                   |
|                      | dBμV | VHF: 45* - 109                                |
|                      | dBμV | UHF: 45* - 109                                |
| FM output power      | dBμV | 113 (60dB/IM3)                                |
| VHF/UHF output power | dBμV | 115 (60dB/IM3)                                |
| VHF/UHF output power | dBμV | 105 (with 1 MUX)                              |
| VHF/UHF output power | dBμV | 105 (with 6 MUX)                              |
| Gain                 | dB   | FM: 35                                        |
|                      | dB   | VHF: 35                                       |
|                      | dB   | UHF: 45                                       |
| Gain adjustment      | dB   | FM: 20                                        |
|                      | dB   | VHF/UHF: Channel AGC                          |

| Parameter                       | Unit    | Value                        |
|---------------------------------|---------|------------------------------|
| General attenuator              | dB      | 20                           |
| Slope adjustment                | dB      | 9                            |
| Selectivity                     | dB/1MHz | 35                           |
| Return loss                     | dB      | 10                           |
| Output MER                      | dB      | VHF: 35                      |
|                                 | dB      | UHF: 35                      |
| Conversion                      | -       | No                           |
| ESD protection                  | -       | All inputs                   |
| DC @ VHF/UHF input              | V       | 12 or 24                     |
| DC Load current @ VHF/UHF input | mA      | 100 (total for the 3 inputs) |
| SD port                         | -       | No                           |
| Operating temperature           | °C      | -5 to +50                    |
| Power Supply                    | V       | 100 - 240                    |
| Power Consumption               | W       | 12                           |
| Dimensions                      | mm      | 217 x 165 x 59               |
| Weight                          | kg      | 0,8                          |

\* For 64QAM with code rate 3/4