

Compact Satellite Converter 9780



The 9780 is the new generation **converter for satellite signals** to be used in MDU's. The compact plug-and-play module has a straightforward and easy configuration. Perfect for equalizing and optimizing satellite transponders as input for your optical headend.

- Programmable satellite IF converter
- Up to 32 DVB-S/S2 transponders
- 4 satellite inputs (Quattro/Quad/Wideband LNB)
- Realtime AGC on all individual transponders
- Read-out of input level strength: no need for field strength meter
- 110 dB μ V (output level)
- Auto-tuning functionality
- Can be used in Fiber Optic Systems with up to 128 passive splits
- SD card slot for copy configuration
- **Variant with ethernet access and web interface: 9780ETH**

Specifications 9780

Inputs	-	4 SAT (Wideband/Quattro/Quad)
Outputs	-	1 main (SAT) + 1 test port (-20dB)
SAT input frequency range	MHz	290 - 2340
SAT output frequency range	MHz	290 - 2340
SAT Input level	dB μ V	40 - 95
SAT output power (per transponder)	dB μ V	110
SAT output power (35dB/1M3)	dB μ V	132
SAT output level flatness	dB	<1
SAT output level adjustment	dB	>40
Slope adjustment	dB	15
SAT Gain	dB	>40
Number of transponders	-	32
Conversion	-	Yes (all transponders)
Transponder Bandwidth	MHz	1 - 77 (per 1 MHz steps)
Selectivity	dB	35 (@ 1MHz)
Return Loss	dB	10
Auto tuning	-	Yes (incoming transponders are copied from 1 input to output)
ESD protection	-	All inputs
DC@ SAT input	-	13V/18V/Bypass & 0/22kHz selectable by SW
DC Load current @ SAT input	mA	500
SD port	-	Yes (for copy configuration)
Operating temperature	°C	-5 to +50
Power Supply	V	100 - 240
Power Consumption	W	25
Dimensions	mm	217 x 165 x 59
Weight	kg	0.8