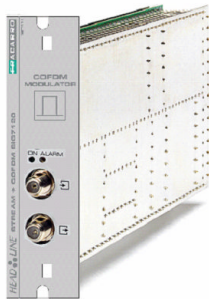**FRACARRO**

Modulator TS → COFDM
SIG7120

HEAD LINE

The SIG7120 modulates to DVB-T standard (using COFDM modulation) a signal received in the input from the transport stream on the back panel. It is mainly used with signals coming from the digital receiver SIG7100. It is possible to use up to three modulators with one receiver and they are connected through the back panel.On the front panel there are F connectors for mixing in signals and an RF output for modulated signals.

Main Specifications

- Modulator with TS input on the back panel

- LCN embedded

- High quality 19" rack solution

- Remote configuration and monitoring (via controller host SIG7905 and FHM software).

- F connector for mixing in signals and an RF output for modulated signals

- HD compliant

- Modular solution (up to 3 modules can share the same TS Input)

				SIG7120
Fracarro code				283950
Transport Stream Input				
Connector				48 pins on the back-panel
Type				Parallel
Maximum bitrate			Mbit/s	100
Output Signal				
Output connector				F female
Output frequency			MHz	108 – 862
Frequency step			KHz	10
Maximum output level			dBuV	85
Level adjustment			dB	0-15
Loop-through loss			dB	<1.5
Carrier				2K, 8K
Modulation				QPSK, 16QAM, 64QAM
FEC				1/2, 2/3, 3/4, 5/6, 7/8
Guard interval				1/4, 1/8,1/16, 1/32
Spectrum				Normal/Inverted
MER			dB	38
General Parameters				
Mains voltage			V	220-240V~, 50-60Hz
Power consumption			W	11
Dimensions (rack version)			mm	7e × 3u × 24
Operating temperature			°C	-10 to +45

Fracarro code	Item	Packaging	Quantity	Dimensions	Unit weight	Total weight
			pieces	mm	Kg	Kg
283950	SIG7120	Single	1	74×169×280	0.8	0.8