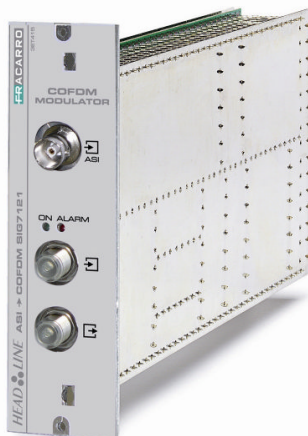


Modulator COFDM with ASI input SIG7121

HEAD  **LINE**



The SIG7121 modulates to DVB-T standard (using COFDM modulation) a signal received in the ASI input. It is mainly used with signals coming from an SIG7404 analogue to ASI 4 IN converter. It is possible to use up to three modulators with one receiver and are connected through the back panel.

It is also possible to use the TA as an input from the back panel.

Additional COFDM modulator can use the same ASI input through back panel connection

Main Specifications

- COFDM modulator with ASI input on the front panel
- LCN embedded
- Up to 3 additional COFDM modulators (SIG7120) can share the same ASI/TS input
- Remote configuration and monitoring (via controller host SIG7905 and FHM software).
- HD compliant
- F connector for mixing in signals and an RF output for modulated signals
- Additional transport stream input on the back panel
- Modular solution

SIG7121				
Fracarro code				283953
ASI Input				
ASI connector				BNC, 75 Ohm
Maximum bit rate			Mbit/s	216
Back panel TS Input				
Connector				48 pinss on the back-panel
Type				Parallel
Maximum bit rate			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 x 3u x 24
Operating temperature			°C	-10 to +45

Fracarro code	Item	Packaging	Quantity	Dimensions	Unit weight	Total weight
			pieces	mm	Kg	Kg
283953	SIG7121	Single	1	74x169x280	0.8	0.8

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