

FS-21c

Frame sync CVBS in / out



The FS-21c is suited for use in analog facilities. Video input and output is only composite video. Useful for synchronizing external signals with signals in broadcast station or for recording materials from unprofessional to professional format. Intended for synchronization of CVBS in, CVBS out mode of operation. On power down device have bypass relay.

- Broadcast quality Frame Synchronizer
- Synchronize CVBS to CVBS
- User selectable input filters
- Integrates three 54MHz, Noise Shaped Video, 12-bit ADCs, 4 x Oversampling
- Pass, Freeze, Kill or Test on signal fail
- Built in test generator (Black, Color Bar)
- On power down device have bypass relay
- 5 line adaptive comb filters
- Integrated AGC with adaptive peak white mode
- CTI (chroma transient improvement)
- DNR (digital noise reduction)
- EDH processing
- Adaptive chroma comb filter
- Pal CVBS color framing and phase adjustment
- Frame sync adjustable in 37ns steps
- Maximum frame delay: full frame
- Input signal presence detection
- Local control panel with LCD



front side



rear side

TECHNICAL SPECIFICATIONS

Specifications and designs are subject to change without notice

GENERAL INFORMATION

- Code:006.118
- Weight: 2.5 Kg
- Type: 1RU rack frame
- Dimensions: 1RU x 19" x 250mm
- Delivery includes: device, power cord, user manual

ANALOG INPUT

- Number: 1, (CVBS) BNC female
- Impedance:75Ω

ANALOG OUTPUT

- Number: 1, (CVBS) BNC female
- Impedance:75Ω

REFERENCE INPUT

- Analog BB 300 mV:1, BNC

OUTPUT PERFORMANCE

- Bit resolution: 10/12bit processing
- Black offset: Self adjusting
- H adjustment range: 0-64μs in 37ns steps
- V adjustment range: 0-625 lines in 1 line step
- SC range: 0-360°

POWER

- Voltage: ~230V AC ± 10%
- Power: 30W
- Frequency: 50Hz
- Overload protection: front Mounted Circuit Breaker

TEMPERATURE

- Performance: 5-40°C
- Operating: 0-50°C

ORDERING INFORMATION

Code	Name	Description
006.118	FS-21c	FS CVBS