



# FLY AWAY HD FULLY REDUNDANT UPLINK ATM-9



## TRANSMISSION

Fully redundant uplink chain: 1+1, 2+0  
*EUTELSAT STATION CODE E-402*  
*HISPASAT STATION CODE ATM-9*

EIRP: 71 Dbw

2 Encoder TANDBERG E5788 Voyager HD  
*Video codification : 4:2:2. MPEG-2 HD / SD*  
*DVBS-2 & DVBS. 8PSK. QPSK. BISS E / BISS 1*

2 HPA's XICOM XT-400W

Fly Away Gigasat FA180  
*Gain transmission: 47dBi. G/T:21 dBk*

2 Decoder TANDBERG RX1290  
*4:2:2 MPEG:2. BISS / RAS Desencryption*

Spectrum Analyzer Rhode&Schwarz FSH3

## VIDEO

HD (SMPTE 292M) & SD (SMPTE 259M) SDI

2 HD-SD Video distribution amplifiers NEVION

3 Analog video distribution amplifiers DTL

1 HD-SD / Composite converter NEVION

Waveform analyzer TRANSVIDEO HD-SD

Test signal generator

HD-SD monitoring

## AUDIO

Audio Mixer SHURE SCM800  
*8 mic / line input. 8 direct out*

2 Analog audio distribution amplifiers DTL

Intercom Prospect 6K (By request)

## OTHERS

VTRs (By request)

Hand, lavalier microphones

Mobile IFB

ISDN Codec (By request)

Fluorescent Panels

TVRO Satellite reception (By request)

## ELECTRIC SYSTEM

Power generator Honda 3.0i

Power: 3KVA

Connection type: CETAC 32 A Single-Phase