

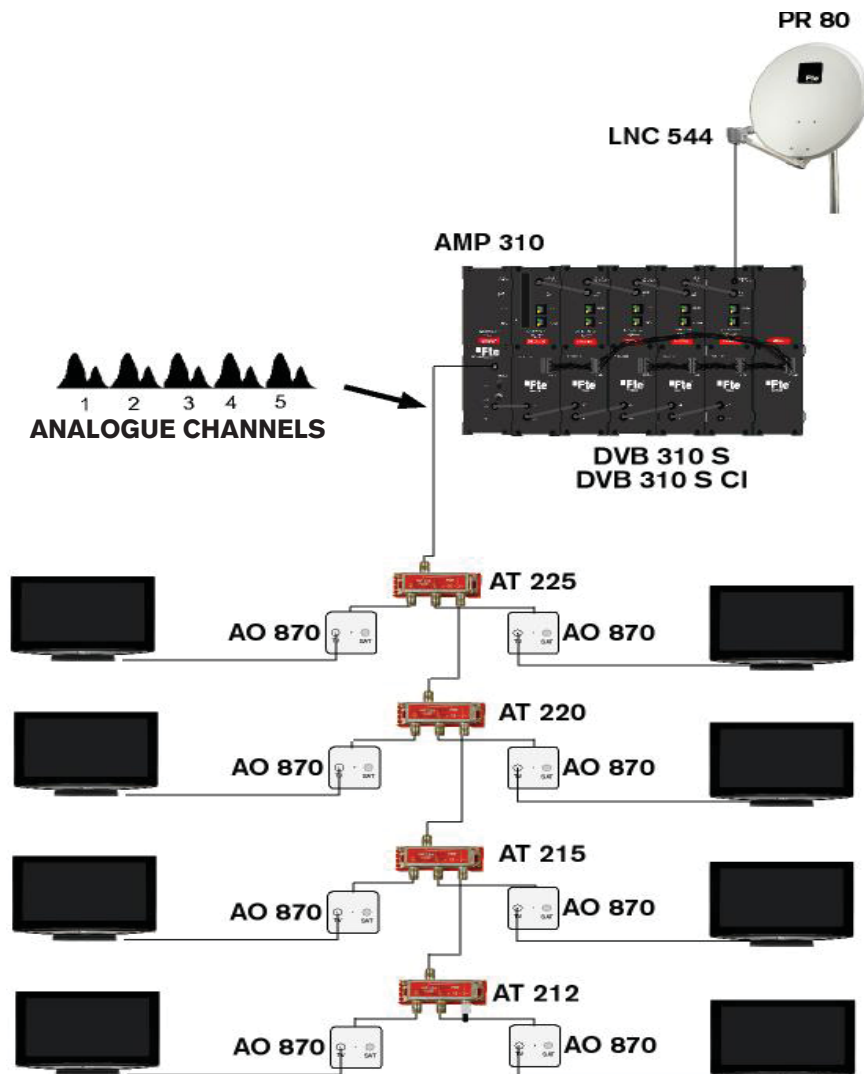
Fte[®] DVB 310 S

maximal

**Digital Satellite Receiver
for headends
DVB-S input / PAL output**



1 2 3 4 5
ANALOGUE CHANNELS



Recepción QPSK
Selección de un canal
satélite de un transponder

SALIDA PAL
Salida en banda terrestre
modulada en PAL

MODULADOR BLV
Modulación en banda
lateral vestigial estéreo

DVB 310 S
DVB-S
PAL

DVB-S

PAL

BCN Distribuciones, S.A.U.

Mogoda, 110
Pol. Industrial Can Salvatella
08210 Barberà del Vallès (Barcelona)
Tel. +34 93 729 27 00 / Fax +34 93 729 30 73



www.ftemaximal.com

Digital Satellite Receiver for headends DVB-S input / PAL output DVB 310 S

INPUT	
Input frequency range (MHz) Input Level (dBm) Input impedance (Ω) LNB (Feeding/switching) Input RF connector FEC Loss in LOOP (dB)	950-2150 MHz -30 a -60 dBm 75 Ω 13V/18V, 0-22kHz Female F connector 1/2, 2/3,3/4,5/6,7/8 DVB <1
MODULATION	
Modulation Symbol speed (MS/s) Profile level Transport Stream Video resolution Audio response	QPSK 4-30 MPEG-2 MP@ML MPEG-2 ISO/ IEC 13818 PAL:720X576 NTSC:720X480 20 Hz -20 kHz <+/-2dB 60Hz -18kHz <+/-0,5dB
PROGRAMMING	
Programming connector Programmer Programming	RJ-45 PRO 201 Display / OSD
OUTPUT	
RF connectors Output Level (dBuV) Regulation Margin (dB) Output Channels Type of modulator Video S/N relation MIX loss (dB) Modulation standard Spurious level (dBc)	Female F connector 82 +1/-3 15 dB C2-C69 BLV / STEREO >54 <1 dB B-G, D-K,L, I -60 dBc
MISCELLANEOUS	
Working temperature Dimension Weight Power Supply Chassis	0°C to +45°C 75x265x50 mm 1.4 Kg SPS 310 FRA 300
RACK INSTALLATION 19"	
Power Supply Rack Chassis	SPS 310 R CHR 300

