

# TBA120

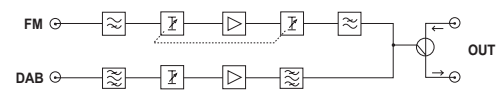
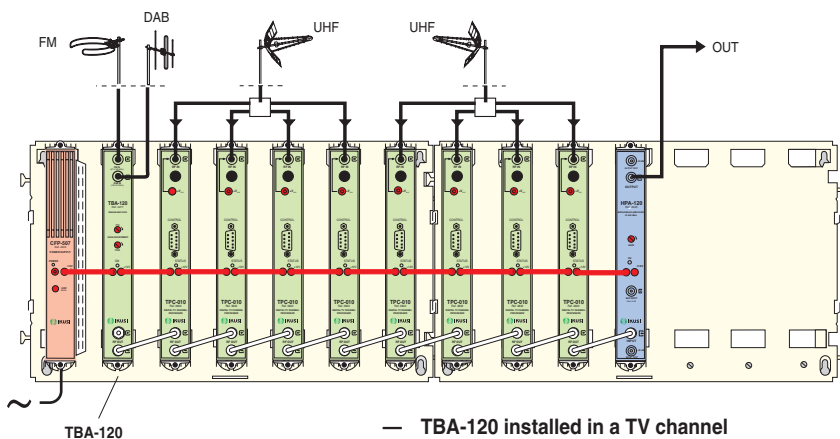
REF. 4277

- Insertion of FM and DAB radios in ClassA headends.
- FM and DAB separate amplification paths with gain adjustment by front panel attenuators.
- FM attenuation shared in two sections -behaviour-delayed input and interstage-, for maintenance of low noise figure.
- Output loop-through.
- Two banana sockets for +12 Vdc power cascade.



		TBA-120	
		2	
Inputs		FM (87,5 – 108 MHz)	DAB (195 – 223 MHz)
Response flatness	dB	± 1	
Nominal FM gain	dB	10	
Nominal DAB gain	dB	2	
Variable FM attenuator	dB	0 – 40	
Variable DAB attenuator	dB	0 – 20	
Noise figure	dB	< 8	
FM output level (-50 dB IMD3, 2 carriers)	dBμV	80	
DAB output level (-50 dB IMD3, 2 carriers)	dBμV	80	
Output loop-through loss	dB	1,5	
Supply Voltage	Vdc	+12	
Consumption	mA	175	
Operating temperature	°C	-10 – +55	
Input RF connector type		2x female F	
Output RF connector type		2x female F	
DC connector type		banana socket	
Dimensions	mm	230 x 195 x 32	

The module is packed with:  
 - 1 F plug bridge, 64 mm length, for output coupling line.  
 - 1 DC plug bridge, 53 mm length, for connection of +12 VDC voltage.



Block diagram.

— TBA-120 installed in a TV channel processing «TPC» headend.