TRANSMODULATORS
DVBS/S2 - COFDM CI and DVBS/S2 - QAM CI
with Remultiplexing

REF. 564201
REF. 564101

This is a device capable of delivering a Multiplex whose content is made up from services coming from different TVSAT transponders

The function of these modules is to allow the distribution, in either COFDM or QAM format, of **services from three digital transponders** received via satellite (DVB or DVB-S2).

Feature a **Common Interface Slot** (CI Common Interface) to use a Conditional Access Module (CAM) and thus decrypt the contents of one or more existing services in the transport packets received via satellite.

Both modules allow editing the Service Identifier (Service_ID). By editing this parameter, the installer will be able to change the available channels in a facility without the need for retuning the TV sets. This characteristic facilitates maintenance work in special facilities such as hotels, hospitals, nursing homes, etc.

REF	DESCRIPTION	EAN 13 CODE
564201	T.0X DVBS/S2-COFDM CI MUX	
	3TP (2SAT):1CH	8424450160503
564101	T.0X DVBS/S2-QAM CI MUX	
	3TP (2SAT):1CH	8424450160497

Configuration *à la carte* of a Multiplex to distribute content coming from different satellites or different bands/polarities.
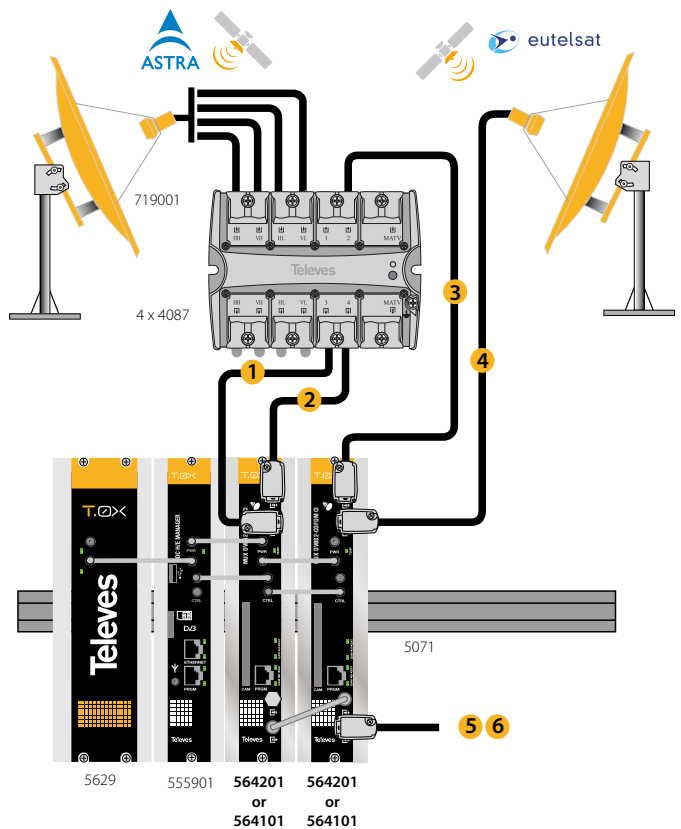
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TRANSMODULATORS with REMULTIPLEXING

Allow creating a multiplex with contents extracted from three different TVSAT transponders

✓ KEY FEATURES

- **Service_ID edition,** allowing all STB and TVs automatically detect content changes programmed by the installer, without requiring retuning.

- **Service_ID control**: the device itself issues an alert if the same Service_ID has been configured in more than one service so that it can then be changed.

- **Total or selective elimination** of services present in a multiplex to avoid being detected and stored by TVs or STBs.

- They are **remotely configurable and monitorable** by means of the headend management module (Ref. 5559 or Ref. 555901).

- **Edition and control** of TS_ID , Network_ID, Original Network_ID and Cell_ID.

- **LCN (Logical Channel Number)** that lets you assign an identifier to the services present in the output multiplex, so they can be arranged in the receivers.

- **Selective filtering of PID (Package Identifier)** to better CAM efficiency.

EXAMPLE OF APPLICATION

ASTRA · eutelsat

719001
4 x 4087

5071

5629   555901   564201 or 564101   564201 or 564101

① 12226 H		②		③ 12604 H	④ 10992 V
RTL Austria			SES	Sky News Int.	Rai Movie
Vox Austria			CNBC Europe	WDR Fernsehen Aachen	Rai 1
RTL2 Austria			BBC World News	WDR Fernsehen Köln	Rai 2
Super RTL Austria	CanalSAT France	11597V	Best of Shopping	WDR Studio Wuppertal	Rai 3
Vox Schweiz			M6 Boutique	WDR Studio Bonn	Rai 4
SES Test Card				WDR Studio Duisburg	Rai News
Eurosport Germany			RMC Découverte HD	Radio Horeb	Rai radio Fd4
HSE 24 Extra				Radio Neue Hoffnung	Rai radio 1 AM
Euronews	CNN International Europe		SonLife Broadcasting	Radio Maryja	Rai radio 2
					Rai radio 3

(11778 V for column 2 — CanalSAT France / CNN International Europe)

- Example in which a module receives signals from two bands of Astra (signals 1 and 2) and another module receives signals from Astra and Eutelsat (signals 3 and 4).

- The Multiplex (MUX) 1 (signal 5) contains services from different bands (and polarities) of ASTRA satellite

- The Multiplex (MUX) 2 (signal 6) contains services from Astra and Eutelsat.

- By means of the headend management module and the EasySwitch unit, the inputs of any of the modules can be switched remotely.

⑤ MÚX 1	⑥ MÚX 2
CNBC Europe	Sky News Int.
BBC World News	Rai 1
CNN International Europe	Rai 2
Eurosport Germany	Rai 3
Euronews	Rai News

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