

DOMESTIC AMPLIFICATION PICOKOM 790 SERIES

Plug & Play and rejection of LTE signals



Amplifiers featuring automatic output level control and filtering against LTE signals



These **new PicoKom790** amplifiers combine the previous Picokom features with the capability to **reject LTE signals**.

Feature an **output level automatic control system**, that comes into operation as soon as they are connected and turned on, and incorporate a powerful filter against LTE/4G emissions.

They provide **remote powering** manually selectable by a switch on the rear.

Its **small size** makes them ideal for installation in distribution boxes or **locations which require a discrete size**.

Its design is based on the use of **state-of-art micro components** (1mm x 0.5 mm), that allows **decreasing** both device **size and power consumption**.

Fully **robotized manufacturing** process.

The range incorporates a switched-mode PSU, providing **minimum power consumption and best performance**.

REF	DESCRIPTION	EAN 13 CODE
560541	DOM.AMP.10 47..790MHz G12/24dB AUT.ADJ+DC	8424450166581
560542	DOM.AMP.20 47..790MHz G10/20dB AUT.ADJ+DC	8424450166598
560543	DOM.AMP.20+TV 47..790MHz G10/20 AUT.AD+DC	8424450166604



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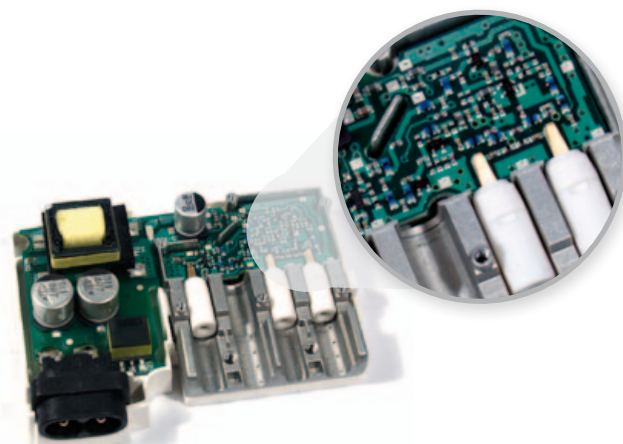
TECHNICAL SPECIFICATIONS

LTE READY		560541	560542	560543
5 ← → 790		1	2	3 (2 + TV) ⁽¹⁾
MHz		47-400 470-790	47-400 470-790	47-400 470-790
	G	AUTO 0 12	AUTO 0 24	AUTO 0 20
	dB	109 ⁽²⁾	105 ⁽²⁾	105 ⁽²⁾
	V _{out} dBμV	101 ⁽³⁾ 91 ⁽⁴⁾ 92 ⁽⁵⁾	106 ⁽³⁾ - 96 ⁽⁵⁾	102 ⁽³⁾ - 88 ⁽⁵⁾ 92 ⁽⁵⁾
	NF	5	5.4	5
	mA	150 (12 Vdc)		
Vdc/mA		196 ... 264		
W, V _{ac}		3.7		
IP		20		
MIN ... MAX		-5 ... +45		
g		130		
mm		90 x 68 x 28		

(1) -12 dB @ TV
(2) DIN 45004B

(3) IMD2 (2 CH, 60 dB) EN 50083
(4) IMD3 (2 CH, 60 dB) EN 50083

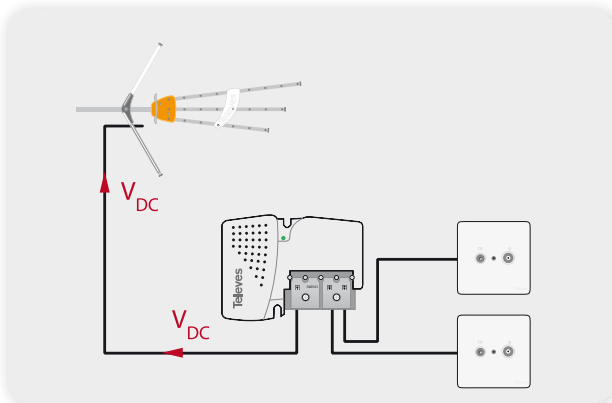
(5) 10 CH DVB-T



easyF

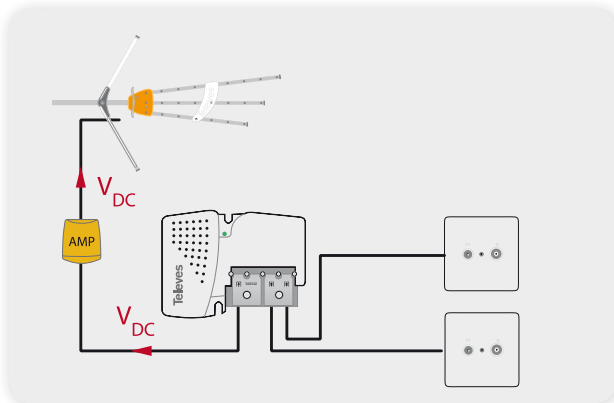
EXAMPLES OF APPLICATION

With **BOSStech ON**

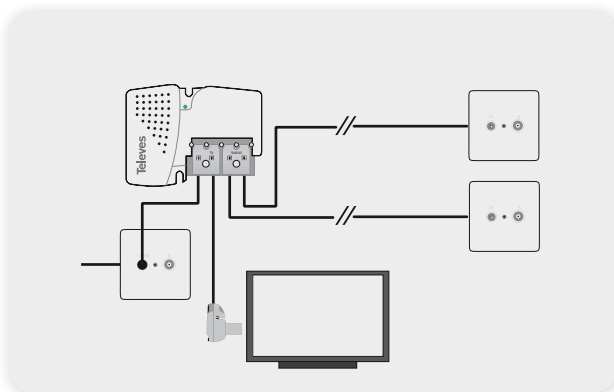
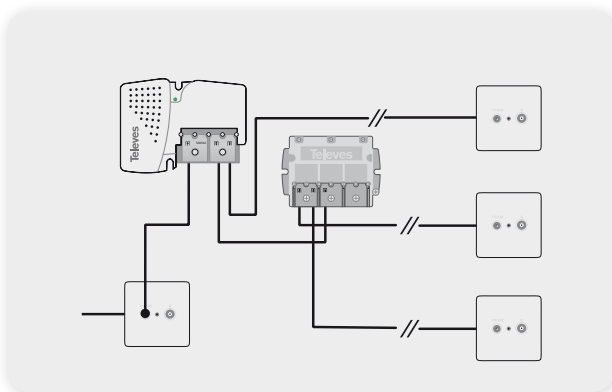


Used with a splitter (REF. 560542)

With **BOSStech ON** and **line powering** set to **ON**



Used its direct TV output (REF. 560543)



televes@televes.com

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